MIDDLEBURY COLLEGE BULLETIN
VOL. XXIV OCTOBER, 1929 NO. 1

The Catalogue
OF
MIDDLEBURY COLLEGE
1929-1930

PART ONE
The Men's College

MIDDLEBURY, VERMONT
Published Monthly by the College

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The Catalogue

of

Middlebury College

Middlebury, Vermont

One Hundred and Thirtieth Year

1929-1930

PART ONE

THE MEN'S COLLEGE

Published by the College

1929

Calendar

1929

JULY

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JUNE

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Neurologist, Professor Emeritus, Columbia University

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President, Vermont Marble Company

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American Bank Note Company

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Lawyer, Chamberlain, Kafer & Wilds

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Consulting Forester

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Lawyer, Botsford, Lytle, Mitchell & Albro

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Member of Congress, 1st Congressional District of Vermont

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Vice-President, MacMillan Company

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Lawyer

CHARLES A. MUNROE, A.B. *New York, N. Y.*
Lawyer

*CARL A. MEAD, A.B., LL.B. *New York, N. Y.*
Lawyer, Sherman and Sterling

*THOMAS H. NOONAN, B.S. *Buffalo, N. Y.*
Justice, Supreme Court, New York

*HOMER L. SKEELS, B.S. *Ludlow*
Lawyer, Stickney, Sargent & Skeels

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J. J. FRITZ, B.S.
Business Manager

*Elected on nomination by the Alumni.

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John A. Fletcher — Sanford H. Lane
John E. Weeks — Bert L. Stafford
Redfield Proctor

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James M. Gifford — Hall P. McCullough

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President Paul D. Moody — John A. Fletcher
Ernest C. Bryant†

COMMITTEE ON BATTELL FOREST

President Paul D. Moody — Theodore S. Woolsey, Jr.
Frank C. Partridge — Redfield Proctor
Frank L. Bell

COMMITTEE ON PORTER HOSPITAL

John E. Weeks — Redfield Proctor
M. Allen Starr — John A. Fletcher
Sanford H. Lane

*The first on list is Chairman. †Representing the Faculty.

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President and Director of the Summer Session — 3 South Street

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Dean of the Men's College (1924) — 18 Battell Block

ELEANOR SYBIL ROSS, A.B., A.M.
Dean of the Women's College (1915) — 6 Storrs Avenue

RUTH WOOD TEMPLE, A.B.
Assistant Dean of the Women's College (1922) — Pearsons Hall

EDGAR JOLLS WILEY, B.S., ED.M.
Director of Admissions and Personnel for Men (1913) — 21 South Street

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WILLIAM WESLEY MCGILTON, A.M., SC.D.
Chemistry (1892) — 21 College Street

MYRON REED SANFORD, A.M., L.H.D.
Latin Language and Literature (1894)
1875 Park Avenue, Bridgeport, Conn.

CHARLES BAKER WRIGHT, A.M., LITT.D.
Rhetoric and English Literature (1885) — 2 Storrs Avenue

PROFESSORS

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Education (1923) — 39 Seminary Street

RAYMOND LIVINGSTON BARNEY, SC.M., PH.D.
Biology (1924) — 5 Storrs Avenue

BENJAMIN HARLOW BECK, A.B.
Physical Education, Coach of Varsity Football and Basketball (1928) — 8 Seminary Street

DOUGLAS STOWE BEERS, PH.D.
English (1925) — 29 Seminary Street

ARTHUR MILTON BROWN, A.B.
Physical Education, Director of Athletics (1918) — 126 Main Street

CHARLES LEROY BROWN, M.A.
Biology (Exchange Professor 1929) — Hillcrest Avenue

ERNEST CALVIN BRYANT, S.B., SC.D.
Baldwin Professor of Physics (1895) — 13 South Street

WILLIAM SARGENT BURRAGE, PH.D.
Greek Language and Literature (1903) — 3 Storrs Avenue

FRANK WILLIAM CADY, A.M., B.LITT. (OXON.)
English (1909) — 47 South Street

CARLOS CONCHA, LL.B., M.A., PH.D.
Spanish, Dean of Spanish School (1929) — 117 Main Street

ALFRED MITCHELL DAME, A.M.
Latin (1928) — 66 Court Street

HARRY MOORE FIFE, A.B., A.M.
Economics (1925) — 122 Main Street

STEPHEN ALBERT FREEMAN, PH.D.
French, Dean of French School, Assistant Director of Summer Session (1925) — 15 Weybridge Street

VERNON CHARLES HARRINGTON, L.H.D.
Boardman Professor of Philosophy (1913) — 4 Storrs Avenue

LEWIS JACKSON HATHAWAY
Music (1916) — 135 Main Street

BURT ALDEN HAZELTINE, B.S.
Mathematics (1924) — 18 Battell Block

FRANK EUGENE HOWARD, A.M., PH.D.
Education and Psychology (1915) — 1 South Street

JULIUS STANTON KINGSLEY, A.M., M.SC., PED.M.
Education and Social Institutions (1921) — On leave

*Allen Marshall Kline, ph.d.
Proctor Professor of American History (1920) — 18 Pleasant Street

Clara Blanche Knapp, a.m.
Home Economics (1922) — The Homestead

Samuel Earl Longwell, ph.d.
Burr Professor of Biology (1919) — On leave

Llewellyn Rood Perkins, a.b., b.s., a.m.
Mathematics (1914) — Hillcrest Avenue

Everett Skillings, a.m.
German (1909) — 41 South Street

Phelps Nash Swett, s.b., a.m.
Geography and Graphics (1909) — 49 South Street

Perley Conant Voter, a.m.
Chemistry, Dean of Chemistry School (1912) — 20 College Street

Raymond Henry White, a.m.
Latin (1909) — Hillcrest Avenue

ASSOCIATE PROFESSORS

Ellsworth B. Cornwall, b.a., ll.b.
Government and Law (1928) — Battell Block

Albert Ranty, b.s., a.m.
French (1925) — 36 Pleasant Street

Russel George Sholes, a.b., a.m.
Sociology (1927) — Adirondack View

Ellen Elizabeth Wiley, a.b.
Mathematics (1923) — 120 Main Street

Marion Luella Young, b.s.
Physical Education (1918) — Hillcrest

*On leave second semester.

ASSISTANT PROFESSORS

LEA BINAND, BREVET SUPERIEUR
French (1929) — Château

JEAN BOORSCH, AGREGE DES LETTRES
French (1929) — 16 College Street

JOHN GERALD BOWKER, B.S.
Mathematics (1926) — 34 Washington Street

BEN BENNETT CORSON, PH.D.
Chemistry (1924) — 17 South Street

JOHN PERLEY DAVISON, A.M.
History (1923) — 26 College Street

V. SPENCER GOODREDS
Public Speaking and Drama (1928) — 112 Main Street

CARLUS HOWARD GRIFFIN, B.S., M.S.
Economics (1926) — 26 Seminary Street

JOHN FESSLER HALLER, B. OF CHEM.
Chemistry (1925) — Hillcrest Avenue

M. TAYLOR MATTHEWS, B.S., ED.M.
Sociology and Education (1929) — 111 Main Street

HARRY GODDARD OWEN, A.B., A.M.
English (1926) — 3 Storrs Avenue

PERLEY CHESMAN PERKINS, A.M.
English (1923) — 11 Weybridge Street

BRUNO M. SCHMIDT, B.A., M.A.
Geology (1925) — 38 South Street

INSTRUCTORS

MARY N. BOWLES, A.M.
Home Economics (1924) — Battell Cottage

REGINALD LANSING COOK, A.B., A.M.
American Literature and English (1929) — 121 Main Street

PRUDENCE HOPKINS FISH, B. OF MUSIC
Music (1924) — Hillside Cottage

MINNIE HAYDEN
Voice (1921) — 95 Main Street

HARVEY W. HESSLER, B.S.
Physical Education, Coach of Varsity Baseball and Freshman Football (1927) — The Sargent House

MARJORIE JOHNSON, B.S.
Home Economics (1928) — Wilcox House

ALFRED LARSEN
Violin (1920) — Burlington

ROSE ELEANOR MARTIN, B.A., M.A.
Spanish (1928) — Phelps House

MARY SEELYE ROSEVEAR, B.S.
Physical Education (1924) — Weybridge House

RUTH WOOD TEMPLE, A.B.
Latin (1922) — Pearsons Hall

MARGUERITE VIDON, DIPLOME D'ETUDES SUP. DE PHONETIQUE
French (1929) — Château

GRADUATE FELLOWS

HOMER WILLIAM JOHN CRESSMAN, B.S.
Chemistry (1929) — 6 Franklin Street

ADA MURUA, A.B.
Spanish (1929) — 117 Main Street

FRANCES SPEAR, B.S.
Biology (1929) — Hillcrest Avenue

RALPH STERLING TEMPLE, B.LITT.
Chemistry (1929) — 19 Starr Hall

ADMINISTRATIVE ASSISTANTS

JENNIE H. BRISTOL
Registrar (1912) — 32 Pleasant Street

LAILA A. MCNEIL, A.B.
Librarian (1913) — 38 South Street

MARY CAROLINE DUTTON, A.M.
Dietitian (1918) — Battell Cottage

PAMELIA SMITH POWELL
Secretary to the President and Secretary and Recorder of the Summer Session (1921) — 118 Main Street

MRS. MAUDE OWEN MASON
Superintendent of Dormitories (1916) — Hepburn Hall

WALTER WESTON
Superintendent of Buildings and Grounds (1925) — 25 College Street

Note: The date in parentheses denotes the year of first appointment.

FACULTY COMMITTEES

ON ADMINISTRATION

Bryant, A. M. Brown,
the President and the Deans, *ex-officio*

ON CURRICULUM AND
PERMANENT SCHEDULE

L. R. Perkins, White, Adams, Sholes, J. P. Davison,
Miss Knapp, Miss Wiley, the Registrar

ON ADMISSION

Wiley, Adams, White, Miss Ross, Hazeltine, Howard

ON GRADUATE WORK

Voter, L. R. Perkins, Freeman, Concha

ON LIBRARY

Kline, Skillings, Barney, Griffin, Beers, Dame,
the Librarian, *ex-officio*

ON ATHLETICS

Swett, Brown, Voter, Hazeltine, Fife

ON STUDENT LIFE AND RESIDENCES

Freeman, Miss Ross, Hazeltine, President Student
Council and President Student Government, *ex-officio*

ON CONFERENCE WITH TRUSTEES

Bryant, Howard, Burrage

CHAPEL PREACHERS

1929-1930

Reverend Chauncy C. Adams	*Burlington*
Chaplain John T. Axton	*Rutgers University*
Reverend John Baillie	*Toronto*
Bishop Coadjutor Samuel B. Booth	*Burlington*
Reverend Edward C. Boynton	*Rutland*
Dean Charles R. Brown	*Yale University*
Reverend Albert G. Butzer	*Ridgewood, N. J.*
President Henry S. Coffin	*Union Theological Seminary*
Reverend Leslie Glenn	*New York City*
Reverend Arthur W. Hewitt	*Plainfield*
Reverend Arthur Lee Kinsolving	*Amherst College*
President Paul D. Moody	*Middlebury*
President J. Edgar Park	*Wheaton College*
Doctor Lewis Perry	*Exeter Academy*
Reverend Howard Chandler Robbins	*New York City*
Reverend Robert Seneca Smith	*Yale University*
President John M. Thomas	*Rutgers University*
Reverend Henry H. Tweedy	*Yale University*
Reverend Tertius VanDyke	*Washington, Conn.*

GENERAL INFORMATION

MIDDLEBURY COLLEGE was chartered in 1800 on the model of still older New England colleges and throughout its history has devoted itself strictly to college work, without professional or technical schools. It offers instruction in twenty-six departments by a Faculty of over fifty Professors, Associate Professors, Assistant Professors, and Instructors. The degrees of Bachelor of Arts and Bachelor of Science are conferred upon the completion of a four years' course, while in both college and summer session advanced courses lead to the degrees of Master of Arts and Master of Science and Doctorate in Modern Languages. A group system of elective studies is maintained.

GOVERNMENT AND RESOURCES

The government of the College is by a Board of Trustees whose corporate title is "The President and Fellows of Middlebury College." The corporation is self-perpetuating and the charter of the College contains no restrictions as to elections. The College owns buildings, equipment and grounds valued at $1,500,000. The permanent endowment amounts to $4,100,000. An appropriation of $14,400 will be received this year from the State of Vermont, of which $7,200 is for scholarships. The expenditures for the year 1928-29 were approximately $317,000. The College has never impaired its endowments and is not in debt.

LOCATION

Middlebury is a village of 2,000, beautifully situated in the Champlain Valley and equidistant from the northern and southern boundaries of Vermont. It is on the main line of the Rutland Railroad, with through trains both from Boston and New York. The

College campus commands a surpassing mountain view, the Adirondacks across Lake Champlain to the west, and on the east a wide sweep of the Green Mountains, much of which is within the 30,000 acre forest preserve belonging to the College.

THE CAMPUS

The College campus comprises 244 acres and is in four sections. The "Old Campus" of 30 acres contains the main buildings and residences of the Men's College; the Battell Campus is reserved for the buildings of the Women's College; Porter Field of 79 acres comprises the athletic grounds; a fourth section, recently acquired, borders the Otter River for a considerable distance.

BUILDINGS

The College plant includes fifteen permanent buildings, besides cottages, professors' houses and smaller structures. The three oldest buildings are of grey limestone, colonial in architecture. Vermont white marble has been used in most of the more recent structures and the same classic architecture has been followed. Each building has been planned with reference to the others, with ample spaces between. The result is a pleasing harmony and a campus of exceptional beauty. Descriptions of the several buildings will be found elsewhere in this catalogue.

GROWTH

Middlebury College has made substantial progress in the past decade, especially in equipment and in permanent funds. Student attendance has doubled, endowments have been quadrupled and the annual income has been trebled. Among the more recent buldings are: the Mead Memorial Chapel, a marble structure of great

beauty and impressiveness; the Porter Hospital, of fireproof construction, equipped in the most modern fashion; the French Château, the home of the French School; and the Music Studios. The construction of two additional wings to the Egbert Starr Library was completed in June, 1928, one of these is devoted to the Abernethy Collection of American Literature, most of which is in first editions.

JOSEPH BATTELL BEQUEST

One of the most unique gifts to an American college was the bequest of the late Joseph Battell to Middlebury which was received in 1916. For over forty years Mr. Battell had been acquiring forest and mountain lands in the vicinity of Middlebury with a view to the preservation of the forest and the beauty of the natural scenery of the region. His holdings amounted to about 30,000 acres along the highest ridge of the Green Mountains and included several of the higher mountains of Vermont. Most of the land is heavily wooded and will afford the College the opportunity for the practice of scientific forestry in its immediate vicinity. The value of the estate exceeds $400,000.

OTHER BEQUESTS

A more recent bequest is that of Dr. Henry Freeman Walker of the Class of 1860, of $100,000 for the establishment of a "Furlough and Emergency Fund," the income of which is to be devoted to the needs of the Faculty in providing for occasional periods of rest, recreation, or study, and in relieving the more immediate exigencies of sickness. By the will of the late Mrs. Russell Sage the College has received $100,000. A fund of $10,000 was established in 1918, which at present has been increased to $60,000 to be known as the "Fletcher D. Proctor Fund for American History," the income of the

investment to be applied toward the payment of the salary of a professor to teach American History. By the will of the late Hon. A. Barton Hepburn of New York, the College has received a specific bequest of $200,000—to establish the A. Barton Hepburn Economics-History Professorship Fund. From the same generous source the College has also received a residuary bequest of $250,000 for general needs.

RELIGIOUS POSITION

Middlebury College is non-sectarian, never having had official connection with any church. The founders, however, were men of deep piety, and a tradition of earnest religious faith and sincere moral purpose was early established, which it is the desire of the College to foster. A chapel service is held each week-day at 10 A.M. and a vesper service on Sunday at 5 P.M. All students are required to attend unless excused for urgent cause. These services are conducted by the President, and men of eminence in various denominations preach at the Sunday vesper service. The music is in charge of the Head of the Music Department. The vested choir is composed of twenty-four students, chosen by competition. Classes are held by the various churches in town for the special benefit of the college students who attend.

THE MODERN LANGUAGE SCHOOLS

The Summer Session has brought the College an enviable reputation for its distinctive work. The permanent connection with the College of the Deans of the French and Spanish Schools now makes it possible for undergraduate students to benefit by the advantages these schools have introduced into language teaching. The French School and the Spanish School are now continued throughout the College year, and although primarily graduate schools of French

and Spanish, the benefit of their courses and the conversational opportunities provided at the French and Spanish tables may be enjoyed by properly qualified students of the College.

ENTERTAINMENT PROGRAM

For the benefit of the student body, the College each year sets aside an appropriation to bring to Middlebury a program of distinguished artists and lecturers. This annual series of entertainments provides the student with exceptional cultural opportunities at a very low cost. The program for the current year includes Count Von Luckner, Thornton Wilder, Vilhjalmur Stefansson, Myra Hess, The Russian Cossack Chorus and The Liebeslieder Quartet.

INDIVIDUAL TRAINING

Since the necessarily limited enrollment places upon the College the obligation to select candidates with the utmost care possible, a responsibility is felt for those who are accepted and the gratifying record that Middlebury graduates have made is due, we believe, to this. To safeguard this record of the past, *the College reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable, and without assigning any further reason therefor; in such cases the fees due or which may have been paid in advance to the College will not be refunded or remitted, in whole or in part, and neither the College nor any of its officers shall be under any liability whatsover for such exclusion.*

HEALTH MEASURES

The College aims to investigate and care for the health of each student as far as possible. The Department of Physical Education commands the services of a professor and assistants. Prescribed work in physical education and hygiene is required

of all Freshmen and attendance is also required at such special lectures in hygiene as may be announced by the Director of Physical Education. Every Freshman must present, upon matriculation, a health certificate signed by a physician. At least two physical examinations are given by the Director of Physical Education during the Freshman year. Measurements and records are kept and corrective exercises are prescribed when needed. Students are encouraged to organize and carry on a great variety of outdoor sports under the general charge of the Director. All cases of illness are reported immediately to the college nurse who cooperates with the local physicians. Porter Hospital is fully equipped for the accommodation of any cases of illness which may arise. The importance to the student of laying a sound physical foundation during the years of his college course cannot be over-estimated, and the College reserves the right to ask the withdrawal of any student whose physical condition is not satisfactory.

ATHLETICS

Competent athletic coaching is provided and both Varsity and Freshman games are scheduled in major and minor sports. Intramural games are arranged, including inter-class, inter-fraternity, and inter-dormitory contests. Skiing, snow-shoeing, and hockey are special features of the winter season. One semester's residence is required before students are permitted to represent the College in varsity contests. A fund was established by the late Hon. A. Barton Hepburn for the promotion of major sports, and it now amounts to $118,900. The Director of Athletics, together with the Athletic Council, composed of members of the Faculty, alumni, and students, has general supervision over all sports.

VOCATIONAL GUIDANCE

The college course should furnish the foundation for later professional study or immediate employment in education or business, and while the liberal arts college is not expected to provide professional training, it is reasonable to expect that the fundamental courses needed for later professional work should be included in the student's college curriculum. This result is not likely to be accomplished, however, without careful organization with that end in view. Much has been done at Middlebury in recent years to assist students in deciding on their life work and in planning their college courses accordingly. The vocational guidance program includes special library service, cooperation of an undergraduate committee, assistance of the college paper, and the organization of several other agencies to assist in carrying out the program, among which perhaps the most effective is a series of lectures and conferences in which men of prominence in various important occupations participate. There is a sufficient variety of occupations covered in this way so that in the course of a student's four years in college, opportunity is given for securing a wide range of information on the field of occupations.

Among the speakers in this series have been the following:

Dr. George P. Baker, Professor of the History and Technique of the Drama, Yale University, and Director of the Yale University Theatre. Subject: "Dramatics as a Profession."

Mr. Albert A. Northrop of Stone and Webster, Boston. Subject: "Construction Engineering."

Dr. James L. Barton, '81, Secretary of the American Board of Commissioners for Foreign Missions. Subject: "The Diplomatic Service."

Dean Roscoe Pound of the Harvard Law School. Subject: "Law as a Profession."

Mr. George H. Doran of the Doubleday Doran Company, Publishers, New York City. Subject: "The Publishing Business."

Mr. Frederick A. Hughes, '02, President of Hughes, Wolff and Co., Rochester, N. Y. Subject: "The Advertising Business."

Dean Willard L. Sperry of the Theological School in Harvard University. Subject: "The Ministry."

Mr. Cameron Beck, Personnel Director, New York Stock Exchange. Subject: "What Business Expects of the College Man."

Mr. H. S. Brooks, Vice-President of the American Telephone & Telegraph Company. (Conferences on opportunities for college men in the telephone and allied branches of business and industry.)

Mr. Joseph P. Day, New York City. Subject: "Salesmanship and Real Estate."

Dr. Worth Hale, Assistant Dean of Harvard Medical School, Boston, Massachusetts. Subject: "Medicine as a Profession."

Mr. Edward E. Whiting, Columnist of The Boston Herald. Subject: "Journalism."

Dr. Deane W. Malott, Associate Dean, Harvard University Graduate School of Business Administration. Subject: "Training for Business."

Mr. Charles S. ("Casey") Jones, '15, President of the Curtiss-Wright Flying Service, New York City. Subject: "Opportunities in Aviation and the Aeroplane Industry."

William Hazlett Upson, Writer for the Saturday Evening Post and Collier's Weekly. Subject: "Fiction Writing as a Career."

Professor Archie M. Peisch of the Tuck School, Dartmouth College. Subject: "Accounting as a Field for College Men."

Mr. F. A. Simmons, '02, Treasurer of Harris Forbes Co., Boston, Massachusetts. Subject: "Investment Banking."

Mr. Joseph P. Kasper, '20, Merchandise Councillor, R. H. Macy and Co., Inc., New York City. Subject: "The Department Store as a Field for the College Graduate."

ADMISSION

METHODS OF ADMISSION

STUDENTS are admitted to Middlebury College either by certificate or by examination. Applications should be made to the Director of Admissions and Personnel. After applications have been received the necessary blanks for admission will be sent. Certificate forms are always sent to the principal of the school; other blanks are sent to the applicant.

CERTIFICATION

REQUIREMENTS FOR CERTIFICATION

For admission by certificate 15 points or admission units are necessary. A point is a preparatory school subject pursued one year with five recitation periods a week, except in English where 3 points are given for 4 years' work. These preparatory school subjects are, for purposes of admission to college, grouped under three heads: required points, optional points, and free choices.

I. Required points:

a. Of all students, English, 3 points; Algebra, 1 point; Geometry, 1 point.

b. Of A.B. students, Latin, 4 points; or Greek, 3 points.

c. Of B.S. students, Foreign language, 2 points.

II. Optional points:

Three points from the following groups of options are to be chosen by A. B. students and five by B.S. students.

Language	*History and Social Science*	*Science*
Latin	Ancient History	Mathematics
Greek	European History	Chemistry
French	English History	Physics
German	American History (with or without Civil Government)	Biology
Italian		Physical Geography
Spanish		Botany
		Zoology
		Drawing

III. Free choices:

Subject to the approval of the Admission Committee, the remaining points may be chosen from any subjects taken in the preparatory school and not already used in making up the required and optional points.

ELIGIBILITY FOR CERTIFICATION

Students in New England from schools upon the approved list of the New England College Entrance Certificate Board may be admitted on certificate of their high school principals. *No total certification for less than eight points will be considered,* but the eight points need not all be from the same school.

Students who have only partial certification totaling eight points or more may make up deficiencies by examinations covering the points in which they are not certified; or they may enter wholly by examination.

Schools not upon the approved list of the Certificate Board, but meeting its requirements in respect to curriculum, teaching staff and equipment, may, for the purpose of showing their standard of certification, send one or more students on certificate, if arrangements for so doing are concluded with the Board before April 1. Inquiries on this subject may be addressed to Dean Frank W. Nicolson, Secretary of the Board, Wesleyan University, Middletown, Connecticut.

Subject to the approval of the Committee on Admissions, students outside of New England from schools upon the approved list in their respective states may be admitted on the same basis as those from approved schools in New England.

Students who have passed the examinations of the College Entrance Examination Board, or of the Board of Regents of the State of New York, with satisfactory grades, will be credited upon certificate for all such courses.

Certification will not be accepted in the mathematics courses which are required for admission to the B.S. course if more than one year has intervened between the completion of the study of mathematics in preparatory school and the time for matriculation.

ENTRANCE CONDITIONS

Owing to the necessity for restricting the number of entering students because of the over-crowded condition of the College, the preference will be given to those entering without conditions, but students otherwise highly recommended, may, if there is a place for them, be admitted conditioned not more than two points. Not more than one of these conditions may be in a required subject and no conditions will be allowed in required subjects in which the candidate has no preparatory school record; except that a student with an exceptional scholastic record who has had no modern language may enter conditioned up to two points therein, provided he begins the study of a modern language in college. No student will be allowed to enter the course leading to the B.S. degree conditioned in the minimum mathematics requirement for admission to that course, which consists of one year of Algebra and one year of Plane Geometry.

The methods by which entrance conditions may be removed are as follows:

a. By examination. The regular entrance examinations in September furnish convenient opportunities for those wishing to avail themselves of this method.

b. By an average of 80 per cent in all the work of the Freshman year, which will remove all entrance conditions provided the student's grade in no subject falls below the passing grade.

c. By the operation of the following rule: Entrance conditions remaining at the opening of a student's second year will be cancelled by deducting three credits from his college record for each unit or fraction thereof; but this shall not be construed as prejudicing any work that he may have done toward satisfying major and minor requirements, or in meeting his prescribed courses. After the opening of his second year, no student may take an examination to remove entrance conditions.

SPECIAL CERTIFICATION

Students who have graduated from any approved high school in the first third of the class and whom their principals will certify upon the general record of their courses rather than in individual subjects may be admitted provided they have satisfied the required points as stated above for entrance upon the work of either degree. A detailed statement of the high school course will be accepted in each case by the Admission Committee as satisfying the remaining points up to fifteen provided it shows that the student has included in his course the following list of subjects or their equivalents: 4 years of English; 2 years of Mathematics (one year of Algebra and one year of Plane Geometry); 2 years of a foreign language; 1 year of History; 1 year of Natural Science. No conditions will be allowed.

Approved high schools are: in New England, schools upon the approved list of the New England College Entrance Certificate Board; outside of New England, subject to the approval of the committee on admissions, schools upon the approved list issued by the Department of Education in their state.

It is understood that in granting special certification to any student the principal who certifies him is assuming the same obligation for his work that he is for the work of a student to whom he gives regular certification.

LIMITATION OF ENROLLMENT

The membership of the Freshman class is limited. Early application is therefore desirable. Tentative choice of applicants will be made by a series of selections, the first on the 20th of March preceding entrance, and subsequent ones on the 20th of each succeeding month until the quota is filled.

EXAMINATIONS

JUNE EXAMINATIONS

Students desiring to make up deficiencies in certification by examination or to enter by examination alone may make use of the examinations given by the College Entrance Examination Board, June 16-21, 1930. The College itself gives no examinations in the spring.

Students who desire to enter entirely by examination may make application for admission on the basis of "New Plan" or "Plan B" examinations (examinations in four fundamental subjects). Information on subjects to be chosen for "New Plan" examinations may be secured by application to the Director of Admissions and Personnel.

Examinations will be held in nearly 400 towns and cities in the United States and abroad.

Blank forms for the "Application for Examination" and the "Teacher's Recommendation" may be obtained from the Secretary of the College Entrance Examination Board upon request by mail. The application should be returned to the College Entrance Examination Board, 431 West 117 Street, New York City. The Teacher's Recommendation should be sent directly to the Committee on Admission of the college.

The applications and fees of all candidates who wish to take these examinations should be received by the Secretary of the Board on or before the dates specified below:

For candidates who wish to be examined in the United States at points east of the Mississippi River or on the Mississippi	May 26, 1930
For candidates who wish to be examined in the United States at points west of the Mississippi River or in Canada	May 19, 1930
For candidates who wish to be examined in centers outside of the United States and Canada, except in Asia	May 5, 1930
For candidates who wish to be examined in China or elsewhere in the Orient	April 21, 1930

Every application for examination must be accompanied by the examination fee, which is $10.00 for all candidates. This fee should be remitted by postal order, express order, or draft on New York, payable to the College Entrance Examination Board.

An application for examination received later than the date specified above will be accepted when it is possible to arrange for the examination of the candidate concerned, but only upon payment of an additional fee of five dollars.

When a candidate has failed to obtain the required blank form of application for examination the usual examination fee will be accepted if the fee arrive not later than the specified date accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected, and a list of the subjects in which the candidate expects to take the Board examinations.

The designation of the center to which the candidate will go for examination is regarded as an indispensable part of the application for examination. A list of places at which examinations will be held in June, 1930, will be published about March 1. Requests that the examinations be held at particular points should be transmitted to the Secretary of the College Entrance Examination Board not later than February 1, 1930.

Candidates should report for a morning examination at 8:45 and for an afternoon examination at 1:45, Standard or Daylight Saving Time, according to the usage of the local public schools. Under no circumstances will a candidate be admitted to the Scholastic Aptitude Test after 9:00 A.M.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published annually about December 1 by the College Entrance Examination Board. Upon request a single copy of this document will be sent to any teacher without charge. In general a charge of twenty-five cents, which may be remitted in postage, will be made.

FALL EXAMINATIONS

In the fall, examinations will be given by the College to enable students who have been accepted to make up minor deficiencies.

Candidates who are unable to meet the minimum requirements without depending upon the fall examinations but who can present eight or more units by certificate or on the basis of the examinations given by the College Entrance Examination Board may apply for fall examinations, but it is understood that places in the quota for the Freshman class cannot be guaranteed to such candidates, even if successful in the examinations, unless there is a sufficient number of vacancies in the quota to make possible their acceptance.

ADVANCED STANDING

A CANDIDATE for admission to advanced standing who comes from an approved institution of collegiate rank may receive credit, without examination, for work done at such institution, if he presents a detailed statement of his previous work. This statement should include a full list of preparatory subjects accepted for admission by the institution previously attended, and also a list of the subjects taken there for which credit has been attained. A letter of honorable dismissal from the institution last attended also must be presented, and no student who has been separated from another institution for reasons of scholarship will be granted any academic favor that would not be extended by the institution from which he has been separated.

Only a limited number of students can be accepted in any year by transfer from other institutions, and all students transferring from other institutions will be provisionally classified for their first year. At the close of this period their credits will be adjusted and it will be understood that in making the adjustment the quality of the work done at Middlebury will be taken into consideration.

A student satisfying his instructor of his fitness to do so may take a qualifying examination in any subject of the Freshman year, which, if passed, will be accepted as prerequisite to the succeeding course, but will not entitle him to college credit for the examination so passed. An examination in Mathematics or Latin so passed will apply toward meeting the mathematical or classical requirement for a degree.

THE COLLEGE CURRICULUM

BACCALAUREATE DEGREES[1]

MIDDLEBURY COLLEGE confers the degrees of Bachelor of Arts and Bachelor of Science.

Every candidate for a baccalaureate degree shall before graduation complete the following requirements according to the Group chosen:

First Year

Group 1—A.B.

1. English, 3 hours each semester.
2. Contemporary Civilization, 3 hours each semester.
3. Ancient Language, 3 hours each semester.
4. Modern Language, 3 or 6 hours each semester.
5. Biology, Chemistry, History, Mathematics,[2] Music or Political Science, 3 hours each semester.

Group 2—A.B. or B.S.

1. English, 3 hours each semester.
2. Contemporary Civilization, 3 hours each semester.
3. Political Science, 3 hours each semester.
4. Ancient Language (A.B.) or Mathematics (B.S.), 3 hours each semester.
5. History, Music, or laboratory science (Biology or Chemistry), 3 hours each semester.

Group 3—B.S.

1. English, 3 hours each semester.
2. Contemporary Civilization, 3 hours each semester.
3. Mathematics, 3 hours each semester.
4. Science (Biology or Chemistry), 3 hours each semester.
5. Modern Language, History, Music, or Political Science, 3 hours each semester.

Three hours of Physical Education each semester are required of all Freshmen.

[1] The regulations governing the attainment of the degrees of Master of Arts and Master of Science will be found in pp. 120-122.

[2] When a double course in Modern Language counting six credits per semester is elected in the Freshman year the course omitted from No. 5 should be made up by election in the Junior year.

Second Year

Group 1—A.B.

1. English (including American Literature and Drama and Public Speaking), 3 hours each semester.
2. Ancient Language, 3 hours each semester.
3. Modern Language, 3 hours each semester.
4. Biology, Chemistry, Geology and Geography, Mathematics or Physics, 3 hours each semester.
5. Economics, Education and Psychology, Music, Philosophy, Sociology, D. & S., Physical Education, or Political Science, 3 hours each semester.

Group 2—A.B., or B.S.

1. English (including American Literature and Drama and Public Speaking), 3 hours each semester.
2. Ancient Language (A.B.) or Mathematics (B.S.), 3 hours each semester.
3. Laboratory science, Education and Psychology, Mathematics, Modern Language, Music, Sociology, D. & S., Geology and Geography, or Physical Education, 3 hours each semester.
4. & 5. Economics or History, Philosophy or Political Science, 6 hours each semester.

Group 3—B.S.

1. English Literature, American Literature, Drama and Public Speaking or Modern Language, 3 hours each semester.
2. Mathematics or Physics, 3 hours each semester.
3. Science (Biology, Chemistry, Geology and Geography, or Physics), 3 hours each semester.
4. & 5. D. & S., Economics, Education, History, Philosophy, Sociology, Physical Education, Music or Political Science, 6 hours each semester.

NOTES:

1. Shifting from one group to another during or at the close of the first year will not be permitted without the approval of the personal and chief advisers, and then only when the student's record shows clearly that the original course was a mistaken one.
2. Exceptional cases will be decided by the chief adviser upon consultation with the head of the department concerned.
3. A year of Physics or a second year of Chemistry, Biology, or Geology may be substituted for the second year of Mathematics but the requirements governing elections must always be so interpreted that no Sophomore may elect two courses in the same department at the same time.

4. The A.B. requirement in Latin and the B.S. requirement in Mathematics must be continued without interruption until completed.

Third and Fourth Years

1. Three-fifths of the work in each year must be advanced courses following within departments the earlier courses of the first or second year or both. The remaining two-fifths may be chosen without other restriction than the approval of the personal and chief advisers.
2. Advanced courses shall be based, when practicable, upon carefully prescribed prerequisites, which shall be fixed, so far as possible, by conferences of all instructors working in the same and related fields.
3. Three courses may be taken simultaneously in a single department.

REGISTRATION

Every student must register his election of courses before the beginning of each semester, at dates which are announced in advance. Upon the payment of his semester bills, class cards are issued to the courses elected. No student will be enrolled in any course until the instructor in charge receives a card from the Registrar admitting him to that course.

ADVISERS

To give students that individual assistance which is necessary to a wise selection of courses all elections made by students should be endorsed by an Adviser. This must be done before the Registrar will send class cards to the courses.

ORGANIZATION OF COURSES

In explanation of the requirements, it should be noted that the courses of instruction offered by Middlebury College are organized in departments. These departments are arranged in three groups, as shown in the following table:

Language Group	*Social Science Group*	*Natural Science Group*
American Literature	Economics	Biology
Drama and Public Speaking	Education and Psychology	Chemistry
English	Fine Arts	Drawing and Surveying
French	History	Geology and Geography
German	Music	Mathematics
Greek	Philosophy	Physics
Italian	Physical Education	
Latin	Political Science	
Spanish	Sociology	

Most of the courses of instruction offered in the various departments are lettered A, B, or C. These letters refer to the evaluation of the courses so lettered as regards difficulty and the order in which they should be taken; admission to courses of advanced grade is usually gained only by completing one or more appropriate courses of more elementary grade which are designated *prerequisites*.

FRESHMAN YEAR

STUDENTS in the first semester of the Freshman year are limited to five courses, double courses in language counting as two, with the exception that a student who enters with two points credit in a modern foreign language, but is required by the head of the department to take the double course, shall receive credit for a single course and shall take a fifth course.

FRESHMEN in the first semester may take practical work in music, but without college credit. To take six courses in any subsequent year a student must have attained an average of 80 per cent in all the work of the previous year; to take seven courses he must have attained an average of 90 per cent.

DISTRIBUTION OF WORK

WHILE the right to elect three courses simultaneously in one department in the last two years enables each student to

concentrate his attention upon those fields which have particular interest for him sufficiently to secure in them a higher degree of attainment than in others in which specialization does not proceed so far, he should be equally solicitous of securing a sufficient distribution of electives to obtain for himself that variety of interest and breadth of view which graduation from a college of liberal arts implies.

ELECTIVE COURSES

The curriculum requirements involve less than one-half of the total number of courses required for graduation and permit the student, therefore, a wide range of free electives. The remaining courses necessary for graduation may be obtained by completing any of the courses, within the limits of the requirements described above, which are open to election by the class of which the student is a member. With few exceptions, courses are open to election by two classes and a large number may be elected by three classes in the years designated. A few courses are unlettered; these may be chosen in the years designated and will be counted toward graduation like other courses. Before registering, a student should consult carefully the hours at which the different courses are scheduled to recite.

No change in studies will be allowed during the first week of classroom work except by permission of the Chief Adviser. During the second week of classroom work a change may be made only with the permission of the Chief Adviser and the Instructor involved, and the payment of a fee of $5. For making a change during the third week of classroom work a fee of $10 will be required. The fee in each case must be paid to the Registrar before the new Admittance Card is given to the instructor. After the third week

of classroom work no change may be made except within a department and upon the initiative of the instructor.

RECITATION REQUIREMENTS

THE student's work is estimated in semester hours and courses. A semester hour means one period of class work per week for one semester. Laboratory courses require double periods, each double period counting the same as one hour of recitation. The normal number of courses of study required of each student is five. The circumstances under which more or less than this number may be taken are explained elsewhere. All courses, unless otherwise stated, are conducted three hours a week, so that the normal amount of classroom work required is fifteen recitation hours a week, exclusive of preparation.

While the amount of time required for thorough preparation differs in different studies and for different students, every student should allow two hours of time for the preparation of each hour of recitation, except in laboratory courses, and the best results of collegiate training cannot be expected from less.

REQUIREMENTS FOR GRADUATION

THE satisfactory completion of 40 semester courses of 3 hours or more each per week, or their equivalent in year courses, is required for either degree.

At the discretion of the Chief Adviser, a member of the class of 1930 or 1931 may have permission, during either semester of his Senior year, to take one more semester course than the number to which he is entitled by his grades, if necessary to complete 40 courses. Seven is the highest number of courses that may be taken at one time. Students are charged $25 a semester for each extra course.

DEPARTMENTS AND COURSES OF INSTRUCTION

MOST of the courses meet three times a week. The year in which a course would be elected most effectively by the average student is clearly indicated by the number used to define the course: numbers from 11 to 19 inclusive indicate freshman courses; numbers from 21 to 29, sophomore courses; from 31 to 39, junior courses and from 41 to 49, senior courses. Figure 1 following the decimal point in the number of a course (e.g. 21.1) shows that it is a first semester course; figure 2 (e.g. 21.2) that it is a second semester course; the number without figure following decimal point (e.g. 21.) indicates that it is a year course. Unless otherwise stated semester courses carry 3 credits and year courses 6 credits toward the required 120.

Prerequisite courses are shown in parentheses. *Bracketed courses are not given in the current year.* Not more than three courses in one department may be taken at the same time except by permission of the Administration Committee. In any modern language, students of any class will be assigned to those courses for which, in the judgment of the instructor, they are best fitted.

AMERICAN LITERATURE

Mr. Cook

21.1, .2 American Literature. B
A study of the main currents of literary thought in America to 1900, with particular emphasis on selected works of the major writers of the nineteenth century. (English 11.)

[31. The American Novel. C]
A study of the main tendencies in the development of the novel in America. (American Literature 21.1 & .2)

41.1 Contemporary American Poetry. C
A study in contemporary American poetry as revealed in the work of outstanding writers. (American Literature 21.1 & .2)

[42.2 The Teaching of English. C]
A study of the technique of presenting literature in the classroom, the oral reading of poetry, and the teaching of composition. (Permission.)

[43.1 The Short Story. C]
A study of the development of the short story in America, with optional practice in writing. (American Literature 31.)

BIOLOGY

Professor Longwell*
Professor Barney
Professor Brown

11. General Biology. A
A general introductory and cultural course dealing with fundamental biological laws and interrelation of organisms; structure and function of physiological systems, and laboratory study of selected animals and plants.
Laboratory fee, $20 for the year.
Professor Brown.

*On leave.

21. Comparative Anatomy of Vertebrates. B, C. Grad.
This course offers to the general and the pre-medical student a comprehensive knowledge of vertebrate structure, with special reference to man, together with adaptions and evolution. Dissection of selected examples. (Biol. 11.)
Laboratory fee, $20 for the year.
Professor Barney.

22. Structure and Physiology of Plants. B
A general course showing the vital importance of botany to modern life; also a preparation for teaching botany. The first half year's study deals with the structure and physiology of seed plants; the second is devoted to a general survey of the plant kingdom from the viewpoint of comparative morphology and physiology. (Biol. 11.)
Laboratory fee, $20 for the year.
Professor Brown.

31. General Bacteriology. C. Grad.
An introductory course of lectures and laboratory practice designed to give a general knowledge of the structure and physiology of bacteria and the laboratory technic for their study. During the first half year the laboratory exercises include the morphological and biochemical study of species, the preparation of stains, reagents, culture media, etc., all of which lead to a familiarity with common laboratory equipment and procedure. During the remainder of the year consideration is given to the bacteriology of water, sewage, milk, shellfish, and other foods. Practical and theoretical work in animal immunity is undertaken during the last weeks of the course. (Biol. 11.)
Laboratory fee, $20 for the year.
Professor Barney.

[32.1 Natural History. C]
For advanced students of biology who expect to become teachers of biology or summer camp instructors in nature study. Many of the laboratory exercises in the field. En-

vironmental studies. Life histories. Habitats. Comparative anatomy of invertebrates. Identification of species. Relations with man. (Permission.) Seniors and Juniors.

Laboratory fee, $10 for the semester.

41. General Physiology. C. Grad.

An introductory study of the functions of the organs of the human body. The work of the year is devoted to the following topics: The physical and chemical nature of protoplasm; the structure of cells; cell physiology; the chemistry of foods and the physiology of digestion; metabolism; circulation; respiration; endocrinology; the vitamins; the neuro-muscular mechanism; excretion. The course is designed for the general student and for those interested in dietetics, hygiene, physical education, and medicine. (Biol. 11.) (Desirable antecedents, Chem. 11. and Biol. 21.)

Laboratory fee, $20 for the year.

Professor Barney.

42.1 Genetics. C. Grad.

Theories of organic evolution; the principles of variation, selection, and heredity; the material basis of heredity, Mendelian inheritance and the application of its principles in animal and plant breeding and eugenics. This course is planned not only for students in biology but also for those specializing in the social sciences. (Biol. 11.)

Professor Brown.

42.2. Embryology and Histology. C. Grad.

A study of the development of the human body. It treats of the reproductive cells, maturation, fertilization, cleavage, and the development of the principal organs. The laboratory work consists of practical histological technic, a study of the elementary tissues, early stages in the development of the chick, dissection and study of the later embryonic stages of the pig. (Biol. 21.)

Given in alternate years.

Laboratory fee, $10 for the semester.

Professor Brown.

CHEMISTRY

Professor Voter
Assistant Professor Corson
Assistant Professor Haller
Mr. Temple
Mr. Cressman

A deposit fee to cover cost of broken apparatus is charged in each laboratory course, to be paid to the Treasurer at the beginning of each semester.

Students seeking Honors in this Department should consult with Head of the Department regarding additional requirements to those listed elsewhere in this catalogue.

11. General Chemistry. A

Introduction to the fundamental principles of general chemistry, with the preparation and study of the elements and their more common compounds in the laboratory.

Laboratory fee $20 for the year and breakage.

Professor Voter and Messrs. Temple and Cressman.

21. Qualitative Analysis. B

Lectures on the applications of Physical Chemistry to Qualitative Analysis and discussions of the scheme. Laboratory work in the complete analysis of unknown solutions and solids, including salts, alloys and minerals. (Chem. 11.)

Laboratory fee, $20 for the year and breakage.

Assistant Professor Haller and Mr. Temple.

23. Descriptive Organic Chemistry. B

Lectures and laboratory work on the carbon compounds. The methods of synthesis, properties, structure, industrial application, and physiological action of the more important members of each group are studied in detail. (Chem. 11.)

Laboratory fee, $24 for the year and breakage.

Assistant Professor Corson.

25. Biological Chemistry. B

Lectures and laboratory work. A brief survey of Qualitative Analysis, Descriptive Organic and Biological Chemistry. This course is designed especially for students who wish to specialize in the Department of Home Economics. (Chem. 11.)

Laboratory fee, $16 for the year and breakage.

Assistant Professors Corson and Haller.

31. Quantitative Analysis. C. Grad.

Laboratory work and lectures dealing with the general methods of Quantitative Analysis, gravimetric, volumetric, and electrolytic. (Chem. 21. or 23.)

Laboratory fee, $20 for the year and breakage.

Professor Voter.

33. Historical Chemistry and Chemical Literature. C. Grad.

A brief survey of the history of chemistry and development of chemical theory. A study of the literature of chemistry. One hour a week. (Chem. 21. or 23.)

Professor Voter.

[41. Physical Chemistry. C. Grad.]

Lectures and laboratory work. A systematic presentation of modern chemical theory. The subject matter includes Atomic and Molecular theory; gases, liquids and solids; theory of solution; colloid chemistry and adsorption, reaction velocity, catalysis, and equilibrium in homogenous systems; The Phase Rule, Thermochemistry and Electrochemistry. This course alternates with Chem. 45. (Chem. 21., 31., at least simultaneously.)

Laboratory fee, $20 for the year and breakage.

Assistant Professor Haller.

43. Advanced Organic Chemistry and Organic Preparations. C. Grad.

Advanced lectures on the carbon compounds and the principles of organic synthesis. Laboratory work on the prepara-

tion of typical compounds. Ultimate analysis. (Chem. 23., 31., at least simultaneously.)

Laboratory fee, $24 for the year and breakage.

Assistant Professor CORSON.

45. INDUSTRIAL CHEMISTRY. C. Grad.

Lectures on the principal chemical industries, such as fuels, acids, gases, coal tar, etc. A study of the chemical reactions and apparatus used on a large scale. No laboratory work. This course alternates with Chem. 41. (Chem. 23., 31., at least simultaneously.)

Fee for industrial trips, $6 for the year.

Assistant Professor HALLER.

47. CHEMICAL MICROSCOPY AND SPECTROSCOPY. C. Grad.

One lecture and one laboratory period a week. Microscopic methods applied to chemical investigations. Study of crystalline compounds, recognition of paper and textile fibers. Rapid inorganic chemical analysis of minute samples. Spectroscopic methods applied to chemical investigations. Mapping and photographing spectra, spectroscopic analysis, detection of impurities. (Chem. 21., 23. and 31.)

Laboratory fee, $20 for the year and breakage.

Assistant Professor HALLER.

51. RESEARCH. C. Grad.

Open to properly qualified students. Recommended for candidates for the Master's degree and for Seniors seeking honors in chemistry. Laboratory fee and breakage to be arranged individually.

a. Inorganic and Analytical Chemistry. Professor VOTER.

b. Organic Chemistry. Assistant Professor CORSON.

c. Analytical and Physical Chemistry. Assistant Professor HALLER.

CONTEMPORARY CIVILIZATION

(Sociology 11.)

Professor KINGSLEY*

Associate Professor SHOLES

Assistant Professor MATTHEWS

PROBLEMS OF CONTEMPORARY CIVILIZATION

Contemporary Civilization is not a department of the College, which it might well be, but a survey or an orientating course. Each Freshman is required to take this course in order to become more familiar with the thoughts and problems of the present day. It is given under the Department of Sociology and is therein listed as Sociology 11. The College is convinced that each student should know the great development of our civilization and the problems facing our present age and also the great theories set forth as possible solutions. One half of the year will be spent upon the greater scientific concepts of our civilization, while the latter half of the year will be spent in considering the great social concepts of our civilization. During the course about forty problems in astronomy, biology, physics, economics, psychology, sociology and education will be considered. The work in a course of this character will be general and not in detail, yet it will be as thorough as a detailed course because it treats only the greater concepts, laws and problems of our civilization. It is not intended that the student shall feel that he has acquired sufficient knowledge to definitely solve the problems of society; but that he will be impressed with the magnitude of the problems and the necessity for a good early solution. It is expected that the student will be impressed with the great concepts of our civilization and of the means society has used to gain those impressions. The course will consist of three discussion and lecture periods per week. There will be about forty lectures, the student will be expected to read nearly 5000 pages during the year. The tutorial system will be used; each student will meet in conference at least twenty times during the

*On leave.

year with his professor. Over fifty periodicals and several hundred books are used in this course. Recitations, conferences, forums and lectures are frequent enough and so correlated as to make a valuable exploratory background for thoughtful work in the more advanced years of the college course.

Library fee, $10 for the year.

DRAMA AND PUBLIC SPEAKING

ASSISTANT PROFESSOR GOODREDS

This department covers the work in play production, stage design, in playwriting, the study of modern drama, public speaking and debating.

DRAMATICS

The dramatic work has its center in the College Playhouse. Here all the college plays are given. The Middlebury College Dramatic Club, open to all, has more than a third of the undergraduates as members. Those excelling in the various forms of dramatic production, such as acting, lighting, costuming, stage design, stage carpentry, etc., are selected as members of the courses in Play Production, who with the instructor in charge as Director of the Playhouse, have charge of all the production work. Members of the courses in Playwriting and Play Production are eligible to try for the Swift One-Act Play Prizes for 1929-30 of $75, $50 and $25.

The courses are adapted to develop the students to the point where they may take charge of similar courses in college or in school, or be community leaders in the little theatre movement.

22. PRINCIPLES OF SPEECH. B

A study of the principles which underlie effective speech, special reference to phrasing, inflection, and emphasis; preparation and delivery of short and long extemporaneous speeches on topics of current interest, supplemented by drill in breathing, articulation, gesture, and reading from the printed page. The correction of faults in tone (nasality, throatiness, breathiness), and sluggishness in speech. Emphasis upon development of resonance. Seniors, Juniors and Sophomores.

[31. CONTEMPORARY DRAMA. B]

English, American and some Continental drama of the present dramatic era. The course will deal mainly with the

authors from Ibsen up to the present day, but will not confine itself to the study of plays written within a certain arbitrary period. The dramatic movement of recent times affords a unity that transcends that of dates. The work will attempt to apply the principles of this unity to the selection of plays for class study. Lectures, reading of a large number of plays, discussion. Seniors, Juniors and Sophomores.

32. Play Production. C

This course considers the organization of dramatics in schools, colleges, and community houses; it offers a study of the contemporary methods of Play Production; the principles and problems involved in producing plays, staging, costuming, make-up, acting, lighting, directing, scenic design, etc., through the practical medium of the presentation of four long plays and numerous one-act plays in the College Playhouse, in cooperation with members of the Dramatic Club. The course offers a study of plays available for production along with the study of production methods, thus building up a background of information necessary for intelligent adaptation of material. The applicant must have been actively interested in dramatics at Middlebury College for at least one year before acceptance in the course. Each student is expected to spend several hours a week in laboratory work. (Permission.)

Laboratory fee, $10 per year.

42. Technique of Playwriting. C

Playwriting from the study of its principles, through their application in actual writing, first of adaptations of short stories, through one-act original plays, to study of the longer form, in the second semester, with the writing of full time plays, or an equivalent number of short plays. The scenarios of the students are read, discussed and worked out in class, and subjected at every period of their development to the test of stage presentation. Plays of the best authors are utilized as laboratory material, to familiarize the student with the various play forms. The course serves to show the history

and development of dramaturgy. The best plays written in the course are produced in the College Playhouse. (Permission.) Seniors and Juniors.

43. Play Direction and Dramatic Interpretation. C
This course offers training in the principles of play direction and the elements of acting which are included in the proper interpretation of dramatic roles; emphasis upon different forms of dramatic reading from numerous plays, training in diction, use of voice for dramatic effectiveness through training in modulation, stressing and inflection; study of pantomine and stage business. The plays used in laboratory study will be the plays produced in the Playhouse Repertory. Opportunity is given for some direction in the final production of these plays. (Permission.) Seniors and Juniors. (Not given in 1930-31.)

DRAWING AND SURVEYING

Professor Swett

21. Mechanical Drawing. A
This course is designed for two classes of students, (1) those preparing for the engineering profession, (2) those desiring a course in graphics as a preparation for making and reading plans and graphs.
Instrument fee, $5.

31.1 Descriptive Geometry. C
Problems relating to lines and planes; to single curved, double curved, and warped surfaces; intersection of solids. (D. and S. 21. or four Math. courses.)
Instrument fee, $2.50.

31.2 Surveying and Topography. B
Lectures, field work, and drafting. Use of Instruments; computations; plotting. (D. and S. 21. and Math. 11.)
Instrument fee, $2.50.

ECONOMICS

Professor Fife

Assistant Professor Griffin

21. The Elementary Principles of Economics. A

An introductory course covering the general field of economics. The basic concepts. The production and exchange of wealth. Value and price. The mechanism of exchange—money and banking, marketing, international trade, etc. The distribution of wealth,—rent, wages, interest and profits. Labor problems. The types of economic organization of society,—capitalism, socialism, communism, etc. Government finance and taxation.

Sophomores and Juniors. (Seniors by permission.)

Assistant Professor Griffin.

22. The Elementary Principles of Economics. A

Sophomore, Junior and Senior Women.

Professor Fife.

31.1 The Financial Organization of Society. B

A survey course. The development and functioning of financial institutions. Money and credit. Corporations and their financing. Commercial, investment, and savings banks. The American banking system. The stock exchange. Financing agriculture, real estate, etc. (Economics 21. or 22.)

Professor Fife.

31.2 Corporation Finance and Investment. C

The rise of Corporate forms of organization. The promotion and financing of the corporation. Raising and managing capital. Principles of investment, and the analysis of securities. (Economics 21. and 31.1 and one other course in Economics.)

Professor Fife.

33.1 Marketing and the Principles of Exchange. B

A study of market structures, and the marketing process, with special reference to agricultural products, raw materials,

producers' and consumers' goods. Marketing functions, and the middleman structure. Relations between consumers, middlemen and producers. Co-operative marketing. Cases and problems. A case study is required. (Economics 21. or 22.)
Assistant Professor Griffin.

33.2 Transportation Economics. C
The development and significance of the modern systems of communication. The principles of land and water transportation. American experience and problems. The Interstate Commerce Commission and the railways. The Merchant Marine past and present. Government Control and Government Ownership of transportation facilities. Labor Problems and the Carriers. (Economics 21. or 22.)
Assistant Professor Griffin.

41. Labor Conditions and Problems. C. Grad.
The course deals first with the origin of labor problems, the rise of capitalism and the wage system, freedom of contract, etc. Second, labor conditions and the standard of living. Third, the worker's approach to their own problems,—collective bargaining, the trade union, and the workers philosophy. Fourth, the Employers' approach to the labor problem,—the employers' associations, labor management, and employer philosophy. Fifth, the social approach to the labor problem,—the social conflict between capital and labor, labor legislation, and social goals and welfare. (Economics 21. or 22.)
Assistant Professor Griffin.

42.1 Government Finance. C. Grad.
The evolution of Government Finance. Governments as collective spending agencies. The modern increase in public expenditures, and the need for budgeting. The various forms of revenue. Taxation and tax incidence. Public industries, public domain, and public monopolies. Public

credit, and the public debt. (Economics 31.1, also open to students taking major work in Government.)
Professor FIFE.

[42.2 SOCIAL CONTROL OF ECONOMIC ACTIVITY. C. Grad.]

The course is conducted on seminar basis with thesis. It aims to discuss the economic philosophy of modern times, and deals primarily with the relations between government and the economic activities of the people such as competition and monopoly, regulation and control, promotion and prohibition, capitalism versus socialism, and other suggested forms of economic organization of society.
(Four semesters in Economics, or permission.)
Professor FIFE.

43.2 INTERNATIONAL TRADE. C. Grad.

International Trade in theory and practice. Our markets and competitors. Governmental regulation of international trade. Free Trade, Tariffs, Reciprocity, Preferences, and most favored nations agreements. (Four Semesters in Economics.)
Professor FIFE.

44.2 BUSINESS ADMINISTRATION AND SCIENTIFIC MANAGEMENT. C

Business Organization and executive control. The Problems of Personnel Management. Scientific management, and Business Budgeting. (Six semesters in Economics.)
Professor FIFE.

45.1 MONEY AND BANKING. C. Grad.

An advanced course covering money and prices, modern banking systems, the Federal Reserve System, and International Banking. (Economics 21. or 22. and 31.1)
Professor FIFE.

46. Honors and Special Courses. C. Grad.
Special courses for graduate and honor students and for research work may be arranged to suit the needs of such students as may be from time to time concerned.

47.2 The Principles of Accounting. B
(Major work in Economics and permission.)
Professor Fife.

Note. Those interested in economics as their major study are advised to elect as many of the following courses as possible: economic geography, economic history, business law, mathematics of finance and statistics. Courses in psychology, philosophy, and sociology are also recommended where possible. These are regarded as related and allied fields. Honor students must offer Economic History (Hist. 32.) and Economic Geography (G. & G. 25.1, .2). Students preparing for business should make a special effort to secure a good grounding in English.

Honor students are required to take a written general examination covering the special field of interest, and an oral general examination covering the entire field of economics as offered in the courses. In addition a thesis is required based on independent study and research.

EDUCATION AND PSYCHOLOGY

Professor Howard
Professor Kingsley*
Professor Adams
Assistant Professor Matthews

21.1 Introduction to Psychology. A
A study of the essential facts and principles of human behavior. The inborn tendencies and their functions; the various conscious processes; learning and habit formation; intelligence; individual differences; factors in human personality; social behavior; fields and methods of psychology. (Open to the three upper classes.) Prescribed for students of Education and recommended for those in Philosophy and Sociology.
Professor Howard.

*On leave.

21.2 Introduction to Education. B

Aims, values, conditions, and procedures in education; the functions of organized schools; the social and psychological factors which must be considered in administrative and teaching methods. This is a basic course, and with Education 21.1 provides a preparation for the more specialized courses which follow. (Educ. 21.1)
Professor Adams.

22.2 Social Psychology. B

A study of the forms of human behavior which characterize the group; their relation to social progress, nationality, community and institutional life, and individual development. Application to such educational problems as discipline, socialized method, group activities, community organization. (Educ. 21.1)
Professor Howard.

31.1 History of Education. C

The historical evolution of educational theories and practices; the great educational classics and reformers and their influences; present educational theories and their relation to the past. Following a study of the European background special emphasis will be given to the development of present American systems of education. About one half the course will be devoted to this aspect of the study.
Professor Adams.

31.2 Principles and Problems of Education. C

This course aims to base the chief principles of education upon philosophical or scientific bases while at the same time recognizing and considering the current practices in education. Current educational problems in various phases and types will be considered. Some of the chief principles and problems to be considered are: aims of educational organization of the school, control of conduct, interest and motivation, individual and group instruction, supervised study, problem case and project methods of instruction, ideals of recent

reorganization plans, principles involved in selecting and organizing subject matter, the treatment of individual differences, the learning and the teaching processes, efficiency in the school room, moral and civic instruction, training the powers of appreciation, uses of the school plant, statistical methods in the modern school, principles involved in questioning, in reviewing, in drills, in examinations, in promotions. There will be no textbook but extensive readings from textbooks, surveys and educational journals. Owing to the great quantity of New Material in Edcation the cost of textbooks would be practically prohibitive, therefore a single book fee of $5.00 is charged for use of books from each student. This will cover all book fees. (One B course.)
Assistant Professor MATTHEWS.

32.1 EDUCATIONAL PSYCHOLOGY. C

Innate tendencies and capacities; heredity; individual differences and their significance in education; individual and group intelligence tests; types and principles of learning; mental training and transfer; mental attitudes; educational tests and their uses. (Educ. 21.1, .2)
Professor HOWARD.

[33.1 EDUCATIONAL ADMINISTRATION AND SEMINAR IN EDUCATION.]

This course is for superior men and women who wish to specialize in Education.
This course is aimed to help men and women to become supervisers and principals and to aid them to gain for themselves general standards of excellence in teaching and supervising. The topics treated will include the aims and technique of the subjects taught, the standards of teaching and managing schools, the ideals, methods and practices in efficient instruction. It will consider the different means of surveying pupils and school systems and of comparing the different teachers, systems and methods.
(A grade of 80% in two B courses required to enter without special permission.)
Professor KINGSLEY.

41.1 Methods in Education. C

Study of types of teaching, types and functions of recitation, supervised study, collection and use of materials, use of teaching devices, general and special method, technique of instruction, textbook criticism, assignment and presentation of lessons and use of educational literature. (One B course in Educ.) Seniors only.
Professor Adams.

41.2 The Psychology of Secondary Education. C

The adolescent personality with special application to problems of instruction and administration in the secondary school. Psychology of the learning process and individual differences applied to the organization and teaching of high school subjects. (Educ. 21.1)
Professor Howard.

42.1, .2 Practical Work in Education. C

A limited number of qualified seniors are given an opportunity to do apprentice work at the local high school. This consists of observation, reading papers, supervising laboratory work, giving special assistance to pupils individually or in small groups, and at times taking charge of the class under the direction of the teacher. The details of the work will vary according to the nature of the subject but each apprentice teacher will be given much first hand experience with problems of management and instruction. Frequent group conferences with an instructor in the Department will be required.
Professor Howard.

Courses in Special Methods.

The following department offers courses in special methods. Descriptions of these courses are given under the announcements of the respective departments.

French
History
Home Economics
Latin
Mathematics
Physical Education
Spanish

ENGLISH

Professor Beers
Professor Cady
Assistant Professor Perkins
Assistant Professor Owen
Mr. Cook

*I. Freshman Required Course:**

11. History of English Literature. A

Required of all Freshmen.

A rapid but intensive survey of all the periods of English Literature studied in chronological order with direct relation to historical background. Representative works from all the major and from many minor literary men are read. While primarily a course in the History of Literature training in composition is given and definite theme assignments are made for each month.

Professor Beers, Assistant Professors Perkins and Owen.

(No student will be allowed credit for Freshman English, English 11., History of English Literature, who has failed to attain an average of 75 in his composition work for freshman year. When such student can give evidence that he has passed English Composition, English 21., credit for his Freshman course will be restored.)

II. Courses in Literary History:

[41. English Literature from the Anglo-Saxon Period to 1400. C. Grad.]

The work of the first semester extends chronologically from about 500 to about 1350 and includes readings from the Old and Middle English prose and poetry. The Old English will be read in translation, the Middle English in the original. The second semester will be given almost entirely to a study

*Note. Freshmen who have had a course in the History of English Literature in high school may, upon passing an examination in September with a grade of 75, be excused from this course, but must elect other English courses of B grade. Examination carries no credit for the course.

of Chaucer. Practically all of Chaucer's work will be read. Incidentally the influence of Chaucer on the development of English Literature will be considered and attitudes of scholars and critics toward Chaucer. The class will be conducted by informal discussions, readings and reports. (English 11. and permission.)
Professor BEERS.

[31. ENGLISH LITERATURE FROM 1400 TO 1650. C]
A study emphasizing the literature, with the exception of the drama, as a record of the main currents of thought throughout the period. The early humanists, Spenser and Milton, will receive the major emphasis. (English 11. and permission.)
Professor CADY.

32. ENGLISH LITERATURE FROM 1650 TO 1800. C
A study in the development of literature from 1650 to the beginning of the 19th century. Particular consideration will be given to the Neo-classic school and to the Pre-Romantic writers. (English 11. and permission.)
Professor CADY.
(These courses are given alternate years.)

22. PROSE AND POETRY OF THE ROMANTIC PERIOD. B
An intensive study of the major representatives of the Romantic Movement, from Wordsworth to Tennyson, including the forerunners of the movement and its underlying philosophy. (English 11.)
Professor BEERS.

[23. PROSE AND POETRY OF THE VICTORIAN PERIOD. B]
An intensive study of the writings of the Victorian poets and essayists. Particular attention will be given to the poets—Tennyson, Browning, Rossetti, Morris and Swinburne and to the essayists—Carlyle, Ruskin and Arnold. (English 11.)
Professor BEERS.
(These courses are given alternate years.)

III. Courses in the Drama:

25. SHAKESPEARE. B

A detailed reading of certain typical plays combined with more rapid reading of the rest with the purpose of developing an intelligent appreciation of them as drama. (English 11. and permission.)
Professor CADY.

35. ELIZABETHAN DRAMA. C

The course will trace the main trends of dramatic development from the beginnings in the liturgy of the church until the closing of the theaters in 1642, with especial attention to the growing perception of dramatic theory and technique. (English 25. and permission.)
Professor CADY.

42. STUDIES IN SHAKESPEARE. C. Grad.

A concrete presentation, through the detailed consideration of a few plays, of a number of the chief problems in Shakespearean criticism and research. (English 25. and permission.)
Professor CADY.

IV. Courses in Composition:

21. COMPOSITION. B

A study of the principles and theories of composition. The course is of an elementary nature and intended for students who feel the need of training in the rudiments of writing. (English 11. and permission.)
Mr. COOK.

38. CREATIVE WRITING. C

The course is designed for students especially interested in writing as an art. Specific forms of writing such as the Essay, Short Story and Poetry will be studied to determine the nature of their structure, the artistic principles underlying them, and the technique involved in writing them. (Permission.)
Mr. COOK.

V. Courses in the study of Types and Forms of Literature and of Individual Writers:

24. The English Novel. B

A study of the development of English fiction from the beginnings through Conrad. Continuous reading and discussion of representative novels by the best novelists, and study of personalities, influences, movements, story types and critical standards presented in class by the instructor. (English 11. and permission.)
Assistant Professor Perkins.

33.1 The Poetry of Robert Browning. C

An intensive study of the poetry of Browning. The manifold philosophic, musical and artistic interests of the poet will be considered as they reveal themselves in his work and an effort will be made to interpret that work in the light of a cultural background which has no equal amongst English writers. (Permission.)
Assistant Professor Owen.

33.2 The Romantic Revolt in European Literature. C

A study of the philosophies of classical, neo-classical and romantic art, with special emphasis on the latter. The traditions of eighteenth century culture in France will be studied as a basis for the proper understanding of Rousseauism. After an investigation into the characteristics of the romantic attitude, the embodiments of that attitude in the principal monuments of French, German and English literature will be considered. (Permission.)
Assistant Professor Owen.

34. Comparative Fiction. C

A comparative study of recognized masterpieces of Continental fiction, based on the student's knowledge of the history of English literature and of the English novel in par-

ticular. Continuous reading and analysis of outstanding novels from Russia, France, Germany, Spain and Italy, with emphasis upon class reports and discussion by the students. There will be talks by the instructor on additional books and writers, and on the history and background of the novel in each of the countries considered. (English 24. and permission.)
Assistant Professor PERKINS.

[43. POETICS. C. Grad.]
A study of the groundwork of poetic appreciation. The work will cover poetic criticism and definitions of poetry, the nature of the poet and his approach to his subjects, types of poetry and the growth of the lyric, rhythm and meter and theories of peculiar fitness and selection, the sounds of speech and poetic melody, rhyme and its functions, stanzaic forms and poetic suitability, poetic diction and structural elements of style, values of poetry, and the criticizing of poetry. There will be constant reading from source books and class reports and discussions, analysis of poems, some simple exercises in verse composition designed to teach students the use of plan and method and the possibilities of words, and finally work in criticizing good volumes of recent verse with a degree of thoroughness employed in better professional reviews. (Four courses in English and permission.)
Assistant Professor PERKINS.

44. RESEARCH AND SPECIAL WORK. C. Grad.
Students properly qualified to do independent study will be given opportunity to carry on special work under the direction of a member of the Department.
Professor BEERS.

Comprehensive Examination in English. All students, the major portion of whose advanced work is in the Department of English, will be required to take a Comprehensive Ex-

amination in English Literature at the end of their senior year. The examination will be of such scope as to test the students' knowledge of the development of the literature from the Anglo-Saxon period to the present time and their ability to use the English language in oral and written form. Students attaining a grade of 75 in the examination will be exempt from final examinations in the courses within the department. Others will have the privilege of taking the regular final examinations. Any student, however, who fails to secure a grade of 50 in the Comprehensive Examination will not be allowed this privilege. (This ruling will be effective with the class of 1931.)

Honors in English. To attain honors in English the student must present a thesis which will give evidence of thorough investigation and research of a particular topic and will be required to take an oral examination covering the whole field of English literature. (This requirement is supplementary to the general requirement for Special Honors stated in the General Catalogue.)

FINE ARTS

Professor Burrage

Assistant Professor Owen

31. The Appreciation of Art.
Assistant Professor Owen.

32.1 Greek Art.
Instruction is given by lectures and stereopticon talks, supplemented by extensive reading on the student's part. Written tests come every two weeks. The art and civilization of Assyria, Egypt, and other nations whose work had a formative influence on the Greeks are treated extensively by way of introduction to Greek art proper.
Professor Burrage.

FRENCH

Professor Freeman
Associate Professor Ranty
Assistant Professor Binand
Assistant Professor Boorsch
Mlle Vidon

11a. Beginners' French.

A careful training in the elements of French grammar, with emphasis on pronunciation and conversation. Reading of simple selections. The course is conducted chiefly in French, and is designed to give the student a solid foundation for further study of spoken and literary French. (For all students having insufficient preparation in French.) Six hours a week.
Associate Professor Ranty.

12. Intermediate French. A

A general review of grammar; composition, dictation, conversation; reading from the best French authors. This course is designed to give students entering college a thorough preparation in the spoken language, and solid grammatical foundation for the more advanced work. (For all students offering two or three years of preparatory French, or French 11a. Two sections of men, three sections of women.)
Associate Professor Ranty, Assistant Professors Binand and Boorsch, Mlle Vidon.

21. Intermediate Composition and Reading. B

Composition of moderate difficulty based on a French text; a review of grammar, free composition, dictation and conversation. Reading of modern prose, short novels, plays, with discussion in French of the works read. The purpose of the course is to give the student a command of the written and spoken language, and to enable him to read easily and assimilate a literary text. (For Juniors and Sophomores.

Prerequisite, French 12.) One section of men, three sections of women.
Professor FREEMAN, Assistant Professor BINAND, Mlle VIDON.

31. GENERAL SURVEY OF FRENCH LITERATURE. C
A rapid but intensive study of works of the best authors, from the Middle Ages to the end of the nineteenth century. Representative plays, poetry, and novels will be read. Written reports. Class discussion of literary values, and an outline of literary history. (For Seniors, Juniors and Sophomores. Prerequisite, French 21.)
Professor FREEMAN.

32. ADVANCED GRAMMAR AND ADVANCED COMPOSITION. C. Grad.
A systematic and thorough review of French grammar, with special stress upon the difficult points of syntax; vocabulary building; French idioms; composition based on idomatic texts; translation into French of English stylists; an introduction to commercial letter-writing and practice in free composition. This course aims to give the final preparation in grammar to students who intend to teach French. (For Seniors and Juniors. Prerequisite, French 21.)
Professor FREEMAN.

41.1 PHONETICS. C. Grad.
Analytic and comparative study of French sounds. A description of the organs of speech, and practice in the phonetic alphabet. Special attention given to the difficulties experienced by American students in perceiving, producing, and combining French sound groups. Systematic exercises in pronunciation and intonation. The use of phonetics in teaching French in high schools will be discussed. (For Seniors. Prerequisite, French 21.)
Mlle VIDON.

41.2 Methods of Teaching French. C. Grad.
A study of the modern methods of teaching French; extensive reading in the recent treatises on modern language pedagogy. The direct method and its applications; the selection of textbooks; use of realia in the classroom; practical demonstrations of class work, and practice teaching. (For Seniors. Prerequisite, French 21.)
Professor Freeman.

42. Advanced Conversation and Diction. C. Grad.
The course is intended to develop fluency in speaking French, and a command of idiomatic expression. Organized vocabulary development, dictation, memory work, and oral composition on the basis of French life and customs. (For Seniors and Juniors. Prerequisite, French 21. and permission.) May be taken either half year for credit.
Assistant Professor Binand.

43. French Literature of the Nineteenth Century. C. Grad.
A detailed study of the great literary movements of the last century; romanticism, realism, and symbolism. Careful analysis of texts and literary theories in class discussions; extensive outside reading of novels, plays and poetry; written and oral reports. The survey of literary history will be continued down to the present, with an attempt to indicate the chief tendencies of contemporary literature. (For Seniors and Juniors. Prerequisite, French 31.)
Assistant Professor Boorsch.

44. French Civilization. C. Grad.
An analysis of the development of the French nation. The geography of France; an outline of its political history; the growth of its arts, sciences and institutions; the meaning of French culture, and of French political, edcational and religious life; and an interpretation of modern France in the light of its history and growth. The course is intended to help students to understand the country and its people, either

for teaching or for travel. The course is especially recommended in preparation for the Comprehensive Examination. (For Seniors. Prerequisite, French 31.)
Assistant Professor BOORSCH.

45. SPECIAL. (Individual research in a restricted field.) C. Grad.

Candidates for the Masters Degree and Seniors, if properly qualified, may be permitted by the Chairman of the Department to undertake a special problem in reading and research under the direction of some member of the department. This work, which will count as a full course, will require at least nine hours of study a week. The student will meet the instructor one hour each week, for discussion and guidance. A thesis, or an examination, or both, will be required at the end of the course. Properly qualified graduate students may undertake two such separate problems.

a. Literature, from the Middle Ages to the contemporary period.
Professor FREEMAN, Assistant Professor BOORSCH.
b. Civilization, Geography, and History.
Assistant Professor BOORSCH.
c. Grammar and Teaching Methods.
Professor FREEMAN.
d. Phonetics.
Mlle VIDON.

NOTE 1. All courses in the French Department are conducted in French, at the Château. Students intending to teach French after graduation should attend at least courses 31., 32., 41.1 and 41.2.

NOTE 2. All students whose major work lies in the department of French will be required to take at the close of their senior year a Comprehensive Examination, covering all their work in the department. It will test especially their mastery of the French language, oral and written, and their understanding of the literature and life of the country. Those who pass this general examination with a grade of 75 will be excused from the final examinations in their courses in the department. Others will be allowed to take the usual final examinations to obtain their degree. Candidates for Honors in French will be required to attain a grade of 85 in the general examination, and submit in addition a thesis embodying the results of special

work done during the senior year under the direction of a member of the Department.

NOTE 3. No thesis is required for the Masters Degree except such dissertations as are required in the separate courses pursued.

GEOLOGY AND GEOGRAPHY

Professor SWETT

Assistant Professor SCHMIDT

21.1 PHYSICAL AND STRUCTURAL GEOLOGY. A

A general study of the physical features of the earth; the agencies responsible for our topography; the structure of the earth's crust; and the more important rocks and minerals. Field trips.
Assistant Professor SCHMIDT.

21.2 HISTORICAL GEOLOGY. B

A fundamental course discussing the probable origin of the earth; the rise and evolution of organic forms as disclosed by fossil remains and the causes responsible for this progressive development; and the past history of oceans, climates, and continents. Field trips. (Geo. 21.1)
Assistant Professor SCHMIDT.

25.1 THE ELEMENTS OF GEOGRAPHY. A

A study of the physical geography of the world; its relation to all life, especially to man; its effects on his material needs, his occupations, his efficiency, and his higher needs.
Professor SWETT.

25.2 ECONOMIC GEOGRAPHY. B

A study of the natural resources and the distribution of products and commodities as influenced by geographic conditions; the relation of these resources to the growth of communities and nations, to agriculture, to industry and to commerce. (Geo. 25.1)
Professor SWETT.

31.1 Mineralogy. B

Laboratory instruction on the identification of the important minerals by blowpipe, flame, assay, bead and sensitive chemical test. The crystal structure of the minerals will also be considered. Field trips. (Geo. 21.1 or Chem. 11.)

Laboratory fee, $5.

Assistant Professor Schmidt.

31.2 Economic Geology. C

A study of the metallic and non-metallic mineral products of the United States and their world-wide distribution (coal, petroleum, salts, fertilizers, iron, copper, gold, silver, etc.); their origin, processes by which formed or later changed, their geologic structure, their abundance and economic importance. Field trips and reports. (Geo. 21.2 and 31.1)

Assistant Professor Schmidt.

35.1 Economic Geography of North America. C

A survey of the principal economic activities in relation to the natural environment for each of the major geographic regions of North America. (Geo. 25.2)

Professor Swett.

35.2 Geography of South America. C

A survey of the principal economic activities of the South American countries, with emphasis on their relation to the natural environment. (Geo. 25.2)

Professor Swett.

[36.2 Geography of Europe. C]

(Geo. 25.2) (Alternates with 35.2)

GERMAN

Professor SKILLINGS
Assistant Professor SCHMIDT

11. BEGINNERS' GERMAN.
Elements of phonetics, drill in pronunciation and comprehending the spoken language; elements of grammar; reading of simple prose.
Professor SKILLINGS.

[11a. BEGINNERS' GERMAN.]
For those who aim at mastery of speaking and writing as well as of reading German. Six hours a week; elected as two courses each semester, and counting as six semester hours towards the A.B. or B.S. degree.
Professor SKILLINGS.

21. INTERMEDIATE GERMAN. A
Grammar review; reading, composition, conversation and free reproduction. (German 11. or two years of preparatory school German.)
Professor SKILLINGS.

22. SCIENTIFIC GERMAN. B
Courses for those who wish to acquire the ability to consult German works in the natural sciences, history, etc. (German 11. or equivalent.)
Assistant Professor SCHMIDT.

31. ADVANCED GERMAN. B
Reading in works of varied style and subject matter, and practice in writing German. The aim is to develop facility in reading and to give an introduction to German literature. (German 21. or permission.)
Professor SKILLINGS.

[41. The Classic Period. C. Grad.]
A study of the masterpieces of Lessing, Goethe and Schiller, with some attention to the political, social, and literary conditions of the time. (German 31.)
Professor Skillings.

[42. Nineteenth and Twentieth Century Literature. C. Grad.]
Representative dramas, short stories, novels and poetry are read and discussed. The development of German literature to the present time is also studied. (German 31.)
Professor Skillings.

43.1 Speaking and Writing German. C. Grad.
A course designed to give abundant practice in the oral and practical elements of the language and in written composition. Systematic drill in phonetics. Outside reading in nineteenth century literature. (German 31. or permission.)
Professor Skillings.

43.2 The Teaching of German. C. Grad.
A study of German pronunciation, grammar, reading and composition from the standpoint of the prospective teacher. Training in the direct method. Discussion of such topics as the aims and methods of modern language study, textbooks and Realien. Outside reading in contemporary literature. (German 31. or permission.)
Professor Skillings.

GREEK

Professor Burrage

11. Beginners' Greek. A
A course for those who wish to begin Greek in college. The course should fit the student to take up the regular Freshman Greek the following year.

21.1 Colson's Greek Reader and the Gospel of Mark. B
(Greek 11. or its equivalent.)

21.2 Homer's Odyssey. B
(Greek 21.1)
(Greek 11. or Greek 21.1, .2 or Latin 11. is required of A.B. Freshmen.)

31.1 Euripides' "Iphigenia Among the Taurians"; Lyric Poets. C
Lectures are given on the origin, history, and purpose of the drama. (Greek 21.1, .2)

31.2 Plato's Apology. C
(Greek 21.1)

[41.1 Sophocles and Aeschylus. C]
The *Electra* of Sophocles; the *Prometheus* of Aeschylus. (Greek 31.1)

[41.2 Aristophanes. C]
The *Clouds* and *Birds*. (Greek 31.1)

[42.1 Plato's Republic. C]
(Greek 31.2)

[42.2 Aristotle's Ethics. C]
Courses 42.1, .2 alternate with 41.1, .2. They afford students of philosophy and ethics a chance to read in the original tongue the two masterpieces of the two greatest minds of antiquity. The charm of the *Republic* as literature will receive special emphasis. (Greek 42.1)

HISTORY

Professor KLINE
Assistant Professor J. P. DAVISON
Professor WHITE
Professor CONCHA

11.1, .2 ENGLISH HISTORY. A

This course is introductory to the other courses in the department. Students intending to take more than one year of work in History are advised to elect this course in their Freshman year and follow it with either 21. or 31.
Assistant Professor DAVISON.

21. MODERN EUROPE, 1648-1929. B

A study of the development of the European nations from the Peace of Westphalia to the present, placing special emphasis upon the establishment of the pre-Revolutionary European state systems, the French Revolution and Napoleonic era, the growth of democracy and nationalism, and the expansion of European political influence in Africa and Asia. (Hist. 11.1, .2)
Assistant Professor DAVISON.

31.1 AMERICAN HISTORY. B

The period covered is from the time of the first English settlements to the close of the Civil War. Special emphasis upon political and constitutional development.
Professor KLINE.

32. SOCIAL AND ECONOMIC HISTORY OF THE UNITED STATES. C

A general survey of American development to the time of the Civil War with reference to the main features of its economic development, including the influence of geographic environment, the importance of colonial trade, the growth of domestic industries, the development of transportation, the labor problem and slavery.
Assistant Professor DAVISON.

33.2 Ancient History. B

Development of ancient civilization, with special emphasis on Greece and Rome. Much attention is paid to the use of sources, as being of extreme importance in supplying the proper viewpoint and stimulus, especially to those who are to teach ancient history in high schools.
Professor White.

41.1 Contemporary World History. C

A survey of the field of international relations with special reference to the problems arising out of the World War. (Two B courses.)
Professor Kline.

42.1 Advanced Studies in History. C. Grad.

An intensive study of some limited phase of history for the purpose of affording training in methods of historical research, critical evaluation of sources, and scholarly presentation of the results of historical investigation. (Two C courses; permission of instructor.)
Professor Kline.

[43.2 The Teaching of History. C]

A course for students who intend to teach history in high school. (Two B courses.)
Professor Kline.

44.2 Latin American History. C

A discussion course dealing with Latin American History, institutions and civilization during the colonial, revolutionary and independent periods. Intended primarily for Seniors.
Professor Concha.

[45. History of the Western Civilization. C]

A general survey of the development of modern civilization from early times to the present. This course is designed with special reference to the needs of students who are able to take only one year of work in the department.
Professor Kline.

ITALIAN

Professor WHITE

21. BEGINNERS' ITALIAN.

Attention given to correct pronunciation; much oral practice; reading of simple selections; careful preparation in grammar and vocabulary for the more advanced literary and spoken Italian. Italian will be the principal language used in the classroom.

31. SECOND YEAR ITALIAN.

More detailed study of grammar and vocabulary. Reading of the literature, with class discussion and oral practice to give training in fluency. Foundation laid for further study of Italian literature and culture. (Italian 21. or equivalent.)

LATIN

Professor WHITE
Professor BURRAGE
Professor DAME
Miss TEMPLE

11. LIVY AND CICERO. A

The Second Carthaginian War. Translation, direct use of Latin, prose exercises, study of vocabulary, practice in verb forms, and development and use of cases.
Selections from the *Letters* or *De Amicitia* of Cicero. The story of the struggle between Republic and Empire, with the fortunes of Caesar and Cicero as written in the *Letters*.
Sight-reading from mediaeval Latin.
Professor DAME and Miss TEMPLE.

(Latin 11. or Greek 21.1 and 21.2 or Greek 11. is required of A.B. Freshmen.)

21.1 Pliny the Younger. B

Selections from the *Letters* are made, presenting a large number of references to life and customs, and intended to bring the student into close touch with the daily life of the Romans. This course is requisite to all the courses following. (Latin 11.)

Professor White.

21.2 Horace. B

Selected *Odes* and *Epodes*. Comparison of the odes with the lyrics in Latin, English and other languages. (Latin 21.1)

Professor Burrage.

31.1 Roman Comedy. C

The translation of the *Captivi et Trinummus* of Plautus, with rapid reading from the *Andria of Terence*. (Latin 21.1 or 21.2) (This course alternates with Latin 32.1.)

Professor Burrage.

31.2 Tacitus. C

The *Germania* and *Agricola*. Comparison in Tacitus with other writers of his time. A study of the Roman colonial system. The history of the later Empire; the influence of Rome on the northern tribes. Library reading. (Latin 21.1 or 21.2)

Professor Dame.

[32.1 Roman Satire. C]

Selections from the *Satires* of Horace, Juvenal, and Persius and the *Epigrams* of Martial. A study of Roman society under the early Empire. (Latin 21.1 or 21.2)

Professor Burrage.

[32.2 Latin Literature and Selections. C]

A study of the development of Latin literature with representative selections in prose and verse for advanced students.

(Latin 21.1 or 21.2) (This course alternates with Latin 31.2.)
Professor DAME.

41.1 ADVANCED LATIN PROSE FOR TEACHERS. C. Grad.
A prominent feature of the course will be the use of Latin in conducting many of the classroom exercises. Based on Caesar's *Gallic War*. (One C course.)
Professor DAME.

41.2 THE TEACHING OF PREPARATORY LATIN. C. Grad.
A study of methods and authors used, and teaching problems; the necessity of making Latin a live language; quality *versus* quantity; literary appreciation. (One C course.)
Professor WHITE.

MATHEMATICS

Professor PERKINS
Professor HAZELTINE
Associate Professor WILEY
Assistant Professor BOWKER

11. ELEMENTARY MATHEMATICAL ANALYSIS. A
This course is designed to give a comprehensive survey of the most useful parts of elementary mathematical theory carefully correlated and given unity around the central idea of the university of the cause and effect relation. Practice is given in such parts of the elements of trigonometry, analytic geometry, and the calculus as are essential for the solution of simple problems and the reading of any texts dealing with elementary physics, chemistry, economics or any of the other sciences.
(11. is required of all B.S. Freshmen and elective for A.B. students of all classes.)
Professor PERKINS, Associate Professor WILEY and Assistant Professor BOWKER.

21. Mathematical Analysis. B
This course is the logical continuation of Mathematics 11. and it continues to advance along the same lines while offering some opportunity for review of the theory covered in the Freshman year. (Mathematics 11.)
Associate Professor Wiley and Assistant Professor Bowker.

22. Mathematics of Finance. B
For those whose chief interest lies in other fields than mathematics but who still wish to satisfy the requirement in mathematics, this, as a Sophomore course, offers a good training in finance. Such topics as the mathematics of investment, of amortization of debts, of depreciation of annuities and of insurance are treated. Other students are advised to defer this course until a later year. (Math. 11. and permission.) (Not given in 1930-31.)
Professor Perkins.

31. Applied Mathematical Analysis. C
This course is a continuation of Mathematics 21. It should be elected by students whose chief interest is in mathematics and those who plan to continue along the main line of development of the subject. The work of this year is less extensive and more intensive than that of the first two years. (Math. 21.)
Professor Hazeltine.

32. Plane and Solid Analytic Geometry. C
For students whose interests are in the geometrical and interpretive field of mathematics this course offers a good introduction to modern methods in geometrical analysis. (Mathematics 21.)
Associate Professor Wiley.

41. Advanced Analysis. C. Grad.
A continuation of the course Math. 31. but the content will be varied somewhat from year to year to meet the needs of those electing the course. (Math. 31.)
Professor Hazeltine.

42. Teaching of Preparatory Mathematics. C
This is essentially a course for the senior year of prospective teachers of high school mathematics.
Consideration of the place and the use of arithmetic, algebra, geometry and trigonometry and the standards to be set in the teaching of these subjects; the collection and arrangement of historical and biographical material to form a background that shall awaken interest in the subject matter; practice in the selection of texts and the laying out of courses; a study of fundamental principles and discussions of methods of presentation and explanation. (Math. 11. and 21. or 22.) (Not open to men in 1930-31.)
Professor Perkins.

45. Statistical Methods. C. Grad.
(Math. 11. and Math. 21. or Math. 22.) (This course will not be offered in 1930-31 but will be offered thereafter in alternate years.)
Associate Professor Wiley.

MUSIC

Professor Hathaway
Mr. Larsen
Miss Hayden
Miss Fish

The aim of this department is to cultivate a knowledge of music by offering courses planned along lines of general academic training and to develop students who shall learn to understand and appreciate music in the same degree that they understand and appreciate other arts.

Emphasis is also laid upon the technical side and courses are offered in pianoforte, organ, singing, violin and violoncello.

While it is not planned to develop professional musicians, students who give evidence of special talent may continue, if they desire, their work with thoroughness during their college course.

21.1, .2 Elementary Harmony. B

The first steps in the study of musical composition and of the analysis of musical works. The course embraces scales and signatures, triads and their progressions, modulation and suspensions, also the invention and harmonization of melodies and choral writing in four parts. (Sufficient pianoforte technique to play easy hymns.)
Miss Fish.

31.1 Advanced Harmony. C

A continuation of Music 21.1 and 21.2. The course includes a study of the chief chromatic chords and their use in modern composition. Suspensions, ornamentation, auxiliary and changing notes, melodic figuration and pedal point. (Music 21.1 and 21.2)
Professor Hathaway.

31.2 Counterpoint. C

Counterpoint in two, three and four parts in the various species. Original work in the smaller contrapuntal forms. (Music 21.1, 21.2, 31.1)
Professor Hathaway.

32. Musical Understanding. A

This course is designed to develop, without going too deeply into technicalities, the ability to listen to good music. It aims to present in untechnical language an account of the evolution of musical forms. Selections are played and illustrated at the piano and by phonograph records. No knowl-

edge of music is necessary for entrance to this course. Seniors, Juniors and Sophomores.
Professor HATHAWAY.

33. SIGHT SINGING AND EAR TRAINING. B
A course designed for students taking the practical courses. It consists of the recognition of intervals, chords, and melodic groups. Writing from dictation, melodies and rhythm patterns.
Miss FISH.

42. MUSICAL HISTORY AND ADVANCED APPRECIATION. C. Grad.
A study of musical development from earliest times up to the present and of the masterpieces produced during that period. Lectures, required reading and discussion.

PRACTICAL COURSES.
M-1. INDIVIDUAL INSTRUCTION IN THE STUDY OF THE PIANOFORTE.
Professor HATHAWAY.
M-2. PRIVATE INSTRUCTION IN ORGAN PLAYING.
Professor HATHAWAY, Miss FISH.
M-3. PRIVATE LESSONS IN VOICE PLACING, INTERPRETATION AND REPERTOIRE.
Miss HAYDEN, Miss FISH.
M-4. INSTRUCTION IN VIOLIN AND VIOLONCELLO.
Mr. LARSEN.

M-5. ORCHESTRAL PLAYING.
This course is open to all students who are proficient in the use of some instrument of the modern orchestra. Rehearsals are held weekly.
Mr. LARSEN.

Credits: Each practical course must be preceded or accompanied by three hours of theoretical courses.

It also involves at least one private lesson and six hours of practice each week, but no credit is given for elementary work in any of the practical courses.

The College Choir: The College Choir holds two rehearsals weekly and sings at the chapel service each day and at the Sunday vesper service. Opportunity is given to study the works of the best composers of sacred music.
Professor HATHAWAY, Miss FISH.

The Men's Chorus: Drill in ensemble singing, study of the works of excellent composers as well as more popular songs for Glee Club programs. Weekly rehearsals.
Mr. LARSEN, Assistant Professor OWEN.

Honors in Music: Honors in Music are given when, in addition to the requirements in the theoretical course, a student has given a public recital of classical and modern works.

The Women's Glee Club: A glee club for women is sustained for those who wish to broaden their musical experience. Members are selected by try-outs held at the beginning of each year.
Miss FISH.

The Band: Students who play wind and percussion instruments find a welcome in the College Band.
During the past season the Band has numbered about forty members. The College owns a number of the instruments used by the Band but prospective students having their own instruments are urged to bring them.
Mr. LECHNYR.

Musical Attractions: A number of noteworthy musical attractions are brought to the College each year, consisting of performances of some of the most prominent artists and musical organizations.

Charges for Practical Courses in Music.
(Payable in advance. No rebate will be allowed for lessons missed except in cases of continued illness.)

Organ and Piano instruction—per semester	
1 lesson weekly	$32.00
2 lessons weekly	64.00
Use of piano—1 hour daily—per semester	8.00
Use of organ—1 hour daily—per semester	12.00
Use of room for violin practice—1 hour daily—per semester	4.00
Violin instruction—per semester	
1 lesson weekly	32.00
2 lessons weekly	64.00
Vocal instruction—per semester	
1 lesson weekly	32.00
2 lessons weekly	64.00

Students will be accepted at any time; tuition from the beginning of the semester to the time of registration being deducted.

PHILOSOPHY

Professor Harrington

21.1 Introduction to Philosophy. A

A natural approach to the problems of Philosophy through a discussion of the common facts of human experience and an analysis of the college curriculum; then a dealing with these problems one after another.

22.2 Introductory Logic. A

A study of the principles of sound reasoning, with concrete illustrations at every point and practice in the classroom. (Phil. 21.1 or Ed. 21.1)

32. Studies in Ethics. B

The course takes up a general survey of the moral life of the race, then an inquiry as to the basis of ethical values and especially their relation to self-realization, and then the principles and ideals of social ethics. (Phil. 21.1 and 22.2 or Ed. 21.1 and Phil. 22.2)

41. History of Philosophy. C. Grad.

A survey of the work of the great thinkers and a tracing of the main currents of philosophical thought from the beginning; then an inquiry into recent and contemporary Philosophy. (Phil. 32.)

42. Constructive Philosophy. C. Grad.

An effort to outline a world-view in harmony with the most recent science. The inquiry deals not only with the physical universe but also with society and with the distinctively human values. (Permission.)

Note. Special permission may be given, in individual cases, to students to take advanced courses in Philosophy, even if they have not had the prerequisites specified above, provided they have taken in other departments courses of equal grade and of such a nature as to have furnished the necessary preparation.

PHYSICAL EDUCATION

Professor Brown
Professor Beck
Mr. Hessler

11. Physical Training and Hygiene.

A foundation course which includes gymnastics, athletics and games, with special emphasis on posture training. Lectures and recitations in hygiene. 3 semester hours for the year.
Required of all Freshmen.
Professor Brown and Mr. Hessler.

21.1 Gymnastic Teaching. A

Fundamental principles in the theory and practice of gymnastic teaching. Systems of gymnastics and methods of teaching tactics, physical drills and apparatus exercises. Practice teaching.
Mr. Hessler.

21.2 Minor Sports and Games. A

A course dealing with the theory and technique of speedball, soccer, football, volley ball, indoor baseball, tennis, golf, hockey, etc. Rules and fundamentals of the games. Particular attention is given to teaching a large variety of group games suitable for use in playgrounds and community centers and to the development of mass athletics and combative contests.

Mr. Hessler.

31.1 Athletic Coaching. B

Football and basketball theory. Rules and fundamentals of play; the various styles of offense and defense with discussions of their strengths and weaknesses; methods of training and conditioning players; treatment of injuries; generalship and strategy. (Permission.)

Professor Beck.

31.2 Athletic Coaching. B

Theory of baseball and field and track athletics. Rules and fundamentals of batting, base running, and position play. Emphasis is placed on the teaching of proper team play and the development of "inside baseball." The best methods of preparing athletes for the various field and track events will be discussed together with a detailed study of correct form in each event. Considerable attention is devoted to the study of physical condition, including speed, endurance and fatigue. (Permission.)

Professor Beck.

41.1 Administration of Physical Education. C

A course dealing with the problems of organization, management and supervision of physical education programs in schools and colleges. The administration of inter-school and inter-collegiate athletics and the development of intramural recreative programs. (Phys. Ed. 21.1 or 31.1, .2)

Professor Brown.

41.2 Administration of Municipal and Community Recreation. C

A study of the administrative problems which confront the superintendent or director of recreation in a city or rural community. The planning of publicity campaigns with methods of organizing and promoting the work; layout and equipment of playgrounds and community recreation centers. Programs of activity include boy scouts, camp fire girls, girl scouts, industrial work, educational clubs, lectures, entertainments, community music, dramatics, pageants, picnics, field days, athletic contests, winter sports, social and folk dancing, moving pictures, etc. (Phys. Ed. 21.1, .2 or 31.1, .2)
Professor Brown.

PHYSICS

Professor Bryant
Assistant Professor Bowker

21.1, .2 General Physics. A

An introduction to the fundamental principles of general physics. The first semester's work is prerequisite to the second.
Professor Bryant.

31.1 Heat. B

The experimental methods that have been used in measuring the various quantities which are connected with this portion of the science are considered in detail. The kinetic theory of matter and thermo-dynamics are among the additional topics studied. (Phys. 21.)
Professor Bryant.

[32.1 Light. B]

An advanced course for students who wish more knowledge of the subject than can be obtained from general physics. The laws of reflection and of refraction, with their application to optical instruments; the wave theory of light; the spectrum and its teachings; the phenomena of radiation, ab-

sorption, dispersion, interference, and diffraction are some of the topics considered. (Phys. 21., Math. 11.)
Professor BRYANT.

33.2 ELECTRICITY AND MAGNETISM. B
An advanced course covering more thoroughly many of the topics studied in the corresponding work in general physics, together with some additional topics, such as the discharge of electricity through gases, electrons, radio-activity, and wireless telegraphy. (Phys. 21.)
Professor BRYANT.

34.1 PHYSICAL MEASUREMENTS. C
Elementary theory and practice of physical manipulation. Laboratory work in the measurements of length, mass, time, velocity, linear and angular acceleration; the verification of the laws of equilibrium of forces; the determination of coefficients of elasticity; the density of solids, liquids, and gases; experiments in sound. (Phys. 21.)
Laboratory fee, $5.
Professor BRYANT and Assistant Professor BOWKER.

34.2 PHYSICAL MEASUREMENTS. C
Measurements of thermal expansion, specific heat, latent heats of fusion and of evaporation. In electricity, fields of force, electric resistance, electro-motive forces, and strengths of current are measured. The laws of reflection and refraction of light waves and the formation of images by mirrors and lenses are studied, and indices of refraction and lengths of light waves are measured. (Phys. 34.1)
Laboratory fee, $5.
Professor BRYANT and Assistant Professor BOWKER.

41.1 ASTRONOMY. C. Grad.
The celestial sphere; astronomical instruments; determination of latitude, longitude, and time; the earth as an astronomical body; the moon's motions and physical characteristics; the sun's physical characteristics; revelations of the

spectroscope; eclipses; planets; comets; stars and nebulae. (Phys. 21.)
Professor Bryant.

42.2 Analytic Mechanics. C. Grad.
A discussion of the statics and dynamics of a particle and of a rigid body. Composition and resolution of forces, vectors, center of gravity, work, energy, impulse, moment of inertia, static and kinetic friction. (Phys. 21., Math. 21.)
Professor Bryant.

POLITICAL SCIENCE

Associate Professor Cornwall

11. The National Government and Political Parties of the United States. A
This course deals with our national or federal government—its basic theories, formation, structure, powers, and operation, and also with the origin, growth, organization, functions, principles, and programs of our national political parties. (No prerequisites.) Seniors and Juniors by permission. Primarily for Sophomores and Freshmen.

21. State and City Governments in the United States. B
The structure, operation and problems of our state governments are studied during the first semester and the various types and the functions, powers, and methods of our city governments during the second semester. (Pol. Sc. 11. or permission.) Seniors, Juniors and Sophomores.

[22. English and European Governments. B]
A description and analysis of the government of England followed by similar treatment of the governments of several European states—especially France, Germany, and Switzerland—giving careful consideration to the theory and practice of parliamentary government as compared with our own system. (Pol. Sc. 11. or permission.) Seniors, Juniors and Sophomores.

31. Business Law. C

A practical course in business relationships designed for students who expect to engage in business or in professions other than law. (No prerequisites.) Seniors and Juniors by permission.

[32. European, English, and American Political Theories. C]

41. The United States Constitution and Constitutional Law. C. Grad.

A detailed study will be made in this course of the United States Constitution and its growth and development; with special attention to its interpretation by the Supreme Court. The study will be made chiefly by the case method. (Alternates with 42.) Seniors and Juniors by permission.

[42. International Law and Relations. C. Grad.]

The nature, sources, and content of the usages and rules recognized by civilized nations as binding upon them in their relations with each other are studied in this course followed by consideration of actual international relations of various kinds—financial, military, and diplomatic. (Alternates with 41.) Seniors and Juniors by permission.

[43. Current Political and Legal Problems of the United States. C. Grad.]

PUBLIC SPEAKING

(See Drama and Public Speaking.)

SOCIOLOGY

Professor KINGSLEY*
Associate Professor SHOLES
Assistant Professor MATTHEWS

11. CONTEMPORARY CIVILIZATION.

An orienting and correlating course. One half of the year will be spent upon fundamental laws, concepts, theories and problems of science, while the second half of the year will be spent in considering the nature of man, the nature of institutions, the evolution of society, the great concepts of society, the social contributions of various peoples, the statement of current social problems of the world. (See page 47 for detailed description.) The amount of material used in these courses is necessarily large. The sources are as much outside of books as within them, therefore it is deemed more efficient and economical to make a book charge of $10 per year for this course. This charge will cover all material and books for the course.

Associate Professor SHOLES, Assistant Professor MATTHEWS.

21. SOCIETY. B

A unified and systematic survey of the fundamentals of society. Treats bias, evolution, origin and races of man, factors in social life and social arrangements from the scientific rather than the traditional and rational viewpoints. A broad reference reading list. (Sociology 11. and permission.) Seniors, Juniors and Sophomores.

Associate Professor SHOLES.

[31. EVOLUTION OF SOCIETY AND THE GENERAL PRINCIPLES OF SOCIOLOGY. B]

This course is aimed to point out the natural beginnings and development of social cooperation, institutions, of group organization, inner-group actions and reactions, of inter-group reactions. A study will be made of the forces which direct our daily lives and underlie society. Society will be

*On leave.

treated as a growing organism, not yet completed or perfected; the forces which are working about us in community, family, state, nation and world will be analyzed. Attention will be drawn to the fact that the same forces are always at work in society and are continually modifying men and institutions. The student will be expected to get an intelligent understanding of society, of customs and institutions which is valuable in practical life as well as most useful in understanding and interpreting the past and in planning the future.

The amount of material used in these courses is necessarily large. The sources are as much outside of books as within them, therefore it is deemed more efficient and economical to make a book charge of $10 per year for this course. This charge will cover all material and books for the course.

(Sociology 11. and Education 22.2 and permission.) Juniors and Sophomores.

Associate Professor SHOLES.

[32. ADVANCED PRINCIPLES OF SOCIOLOGY AND PROBLEMS OF SOCIETY. B]

This course will extend the general principles of society and will more fully analyze the nature of the individual and of the group. The evolution of the individual and of the group will be considered in connection with all principles and problems. Social pathology, social reform and social betterment will be connected with the fundamental study of social laws and forces. There is now a great demand for a more complete knowledge of society. Topics treated: phenomena of the human mind, of social life, social institutions, social bases in nature, the ego, the social person, social order and progress, the organization and working of public opinion, the leading, and exploitation of opinion, the transfer of knowledge, elements which strengthen or weaken social organization, conflicting forces in society, social behavior, social control, fixed and changing institutions, social decadence, transformation and reshaping of society, social standards, social groups, social ideals, social economics.

The amount of material used in these courses is necessarily

large. The sources are as much outside of books as within them, therefore it is deemed more efficient and economical to make a book charge of $10 per year for this course. This charge will cover all material and books for the course. (Sociology 11., 21. or 31. and permission.)
Associate Professor SHOLES.

41. CRIMINOLOGY AND PENOLOGY. C
A study of the weak spot in American institutions. Treats: the physical, mental, hereditary, economic and social factors of crime and the criminal, the history of punishment, modern penal institutions and the machinery of Justice. (Sociology 11. and 21. or 31. and permission.) Seniors and Juniors.
Associate Professor SHOLES.

[42. SOCIAL EFFICIENCY AND WELFARE. C]
This course will be a problem course. The aim is to have the student coordinate the knowledge and forces of society, to assemble the philosophy, the science, literature and government of our present day civilization and to resolve these forces in their effects upon society. There will be considered also ideal social organizations, forces and philosophies. The seminar method will be used, the student will be asked to read quite extensively. Several books will be assigned for class reading, while each student will work upon certain problems which are suitable to his training and interests. The class thereby profits by the experience and work of each. Only Seniors admitted. The class is limited to the better students and to a selected number.
The amount of material used in these courses is necessarily large. The sources are as much outside of books as within them, therefore it is deemed more efficient and economical to make a book charge of $10 per year for this course. This charge will cover all material and books for the course.
Professor KINGSLEY.

Note. For those who wish to do extensive work in Sociology it is suggested that correlation of courses be made between this department and the departments of Biology, Political Science, Economics, History and Education. It is especially advisable that sociological students know the elements of these courses, especially courses in Genetics and Psychology. All extensive work in this department should be planned with the instructors.

SPANISH

Professor CONCHA
Miss MARTIN
Miss MURUA

11a. ELEMENTARY SPANISH.
Reading of simple Spanish; oral practice based on the reading text; grammar taught inductively; careful vocabulary building. Spanish is used as the principal means of communication. This course is designed to equip the student with a solid foundation for the more advanced study of spoken and literary Spanish. Six hours a week.
Miss MARTIN.

21. SECOND YEAR SPANISH. A
A continuation of oral practice with a review and more extended treatment of grammar. The subject matter of the texts consists of realia of the Spanish-speaking countries. Outside reading of Spanish newspapers and magazines. Conducted in Spanish. (Spanish 11a. or two years of preparatory school Spanish.)
Professor CONCHA and Miss MURUA.

31.1 CONVERSATION AND COMPOSITION. B
A review of grammar, oral practice based on idiomatic texts and selections of the best Spanish authors, and exercises in free composition. The purpose of this course is to give the student a good command of spoken and written Spanish. Conducted in Spanish. (Spanish 21.)
Miss MURUA.

31.2 COMMERCIAL SPANISH. B
General principles of Spanish commercial laws and usages. Practice in Spanish letter-writing and all forms of business correspondence. Conducted in Spanish. (Spanish 31.1)
Miss MARTIN.

41.1 The Modern Spanish Novel. C. Grad.
A survey of the principal Spanish fiction writers of today, with a special study of their representative works. Oral discussions and written composition. Conducted in Spanish. (Spanish 31.)
Professor Concha.

41.2 The Modern Spanish Drama. C. Grad.
A survey of the principal Spanish playwrights of today, with a special study of their representative works. Oral discussions and written composition. Conducted in Spanish. (Spanish 41.1)
Miss Martin.

[42. Methods of Teaching Spanish. C]
General and special principles of methods; standard methods, the reform movement, the teaching of pronunciation, the teaching of grammar, vocabulary building, planning of courses, lesson plans, selection of textbooks, pedagogical principles applied to the teaching of Spanish. Conducted in Spanish. (Permission of instructor.)

43. Survey of Spanish Literature. C. Grad.
Lectures, and reports by the students on assigned reading. The aim of this course is to acquaint the student with the main classical books and writers, and the principal literary movements and tendencies of Spanish literature. (Permission of the instructor.)
Professor Concha.

44.1 The Spanish American Novel. C. Grad.
A survey of the principal Spanish-American fiction writers, with a special study of their representative works. Oral discussions and written composition. Conducted in Spanish. (Spanish 31.)
Professor Concha.

44.2 Advanced Composition. C. Grad.

A practical course in the fundamentals of composition; rhetoric and literature, paragraphs, sentences, words, description, narration, figures of speech, exercises in free composition, translation and essay writing. (Spanish 31.1)
Professor Concha.

45. Special Courses. C. Grad.

Open to properly qualified students. Recommended for candidates for the Master's Degree and for Seniors seeking honors in Spanish.

THE COLLEGE BUILDINGS

OFFICES

THE office of the President is located on the third floor of the Old Chapel. The President may be seen from 10:30 to 12 A.M. every day except Sunday, and consultation by students on any subject is cordially invited. The office of the Summer Session is on the same floor.

The offices of the Deans are in the north division of Painter Hall.

The office of the Registrar is in Painter Hall, middle division.

The office of the Director of Admissions and Personnel is located on the first floor of the Old Chapel.

The Treasurer and the Business Manager of the College have their offices in the Battell Block. At the opening of the college year, and again at the beginning of the second semester, the Treasurer establishes a temporary office in one of the College buildings, for the convenience of students in the payment of bills.

The offices of the Editor of College Publications and of the Superintendent of Real Estate are in Painter Hall, south division.

PAINTER HALL

PAINTER HALL, completed in 1815, is the oldest college building in Vermont, and one of the best examples of colonial architecture in New England. It was first known as West College, but since 1846 has borne the name of Gamaliel Painter, one of the founders of the College and a generous benefactor.

Several of the college offices are now located in this building and the remainder is still devoted to rooms for men.

The rooms are furnished with single bed, mattress, desk, chiffonier, and chairs for each student. Bedding and pillows are furnished by the occupants.

The building is equipped with shower baths and other modern plumbing, and steam heat and electric lights are furnished without extra charge. The building is in charge of a matron and full janitor service is provided.

Several of the rooms in Painter Hall are arranged in suites of study and bedroom, designed for two students and the charge is $72 per year for each occupant of these suites. Other large rooms are provided with the same equipment and designed for two students to a room and the charge for these rooms is $60 per year for each occupant.

STARR HALL

Starr Hall was built in 1861 and was rebuilt, after a disastrous fire, in 1865. The funds for its erection were contributed by Charles and Egbert Starr. It is constructed of gray limestone. It has thirty suites, designed for two students each, consisting of study, bedroom large enough for two single beds, and closets.

The rooms are furnished with single bed, mattress, desk, chiffonier, and chairs for each student. Bedding and pillows are furnished by the occupants.

Modern plumbing has been installed, and steam heat, electric lights, and shower baths are provided without extra charge. The building is in charge of a matron and full janitor service is provided.

The charge for rooms is $72 a year for each occupant.

OLD CHAPEL

THE OLD CHAPEL, erected in 1836, is the central structure in the old stone row, and is built of the same material as Starr and Painter Halls. It is used as a recitation and administration building, with the College Bookstore on the ground floor.

THE EGBERT STARR LIBRARY

THIS beautiful building was erected with funds bequeathed by Mr. Egbert Starr and dedicated in 1900. The cost of the building was $50,000, to which was added $5,000 for its decoration and $5,000 for the purchase of books; and in 1916, $5,000 for its further equipment, by the son of the donor, Dr. M. Allen Starr of New York. The Library contains about 60,000 volumes. Students are granted free access to most of the shelves. The building is open day and evening, including Sunday afternoon. The reference rooms contain reviews and magazines, and reading rooms with daily and weekly papers are maintained in Hepburn and Pearsons Halls. Reference libraries are also provided in the Departments of Chemistry, Physics, Biology, Drawing, Geology, Greek and Spanish, and at the Château Français.

By the further generosity of Dr. Starr the addition of two wings was made possible in 1928. The exterior of these is of the same kind of material as the original building which consists of six kinds of Vermont marble, though the rear of both wings is of stucco to allow the addition of stack rooms in the future.

In August, 1923, the College received by the bequest of Dr. Julian W. Abernethy of Burlington, an alumnus and trustee, his private library which contains about 7,000 vol-

umes in American literature, many of which are rare first editions.

The east wing consists of one floor with a balcony, and a basement and provides suitable housing facilities for this collection so valuable and interesting to advanced students of American literature. Mr. Frank D. Abernethy of Burlington, brother of the donor, furnished the two rooms devoted to this collection. The west wing consists of two floors, both of which contain study rooms.

The College is desirous of possessing a complete collection of the publications of Middlebury graduates, and alumni who are authors of either books or pamphlets are requested to cooperate by presenting the Library with copies of their works. A special room is reserved in the basement of the east wing for Middleburiana and Vermont local history material.

THE WARNER SCIENCE HALL

The Departments of Physics, Biology, Geology, and Drawing and Surveying are quartered in Warner Science Hall, which was built in 1901 through benefactions of Ezra J. Warner of the Class of 1861. The building is a memorial of his father, Hon. Joseph Warner, formerly a resident of Middlebury and a Trustee of the College. By the will of Mr. Warner the College has received a bequest of $25,000 for the care and maintenance of the Hall, and for the purchase of supplies for the departments which it accommodates.

THE CHEMISTRY BUILDING

In September, 1913, the Department of Chemistry was established in the marble building erected with a portion of the General Education Board fund of $200,000.

In the basement are located the organic laboratories, a laboratory for special purposes, two photographic dark rooms, and general store rooms. The second floor provides two large laboratories for qualitative and quantitative analysis, a private laboratory, library and conference room, two balance rooms, and a store room. On the upper floor are located the general chemical laboratory, a large lecture room, two private laboratories and a store room. A lecture room for advanced classes is located on the first floor.

The building is equipped with an extensive flue and ventilation system. The interior finish is gray unglazed brick. The building is located on the college quadrangle, facing the McCullough Gymnasium.

THE MUSEUM OF NATURAL HISTORY

Among the professors of the College for many years have been men of marked ability in natural science, who have shared with the institution the fruits of their researches. One of the earliest geological surveys of Vermont was conducted by Professor Charles B. Adams, who then occupied the chair of Natural History. He laid the foundation for the large collection of fossils representing the different geological formations. The work of Professor Henry M. Seely, long connected with the College, is in evidence in the large collections of fossils of the Champlain Valley.

In botany, the complete series of the flowering plants and ferns of the Champlain region, which was collected by President Brainerd, is especially notable. Valuable additions have been made in the higher fungi and other cryptogamous plants gathered by Dr. Edward A. Burt.

The Zoölogical Museum has received accessions from the Smithsonian Institution and from Hon. A. Barton Hepburn of the Class of 1871.

THE McCULLOUGH GYMNASIUM

THE GYMNASIUM erected in 1910 is named for the Hon. John G. McCullough of Bennington. The structure is marble and the style colonial, like the other buildings of the College. The main floor contains a large exercising room and basketball court, with a room for smaller gymnastic classes, which also serves as a stage for dramatic representation. The first floor contains a locker room, abundant shower baths, director's office and examination room, faculty locker room, two handball courts, boxing and fencing room, and quarters for visiting athletic teams. A convenient serving room renders the building available for college banquets.

THE MEAD MEMORIAL CHAPEL

ON May 15, 1914, ex-Governor John A. Mead, of the Class of 1864, signified his desire to erect a chapel for the College. His letter of gift said: "I have in mind a dignified and substantial structure in harmony with the other buildings of the College, and expressive of the simplicity and strength of character for which the inhabitants of this valley and the State of Vermont have always been distinguished."

In accordance with this gift the Mead Memorial Chapel was erected in 1915-16. It is a beautiful white marble structure, colonial in design, of the New England meetinghouse type, with a rich and impressive interior. The chancel has accommodations for the Faculty and a student choir. The Chapel contains a large pipe organ. In the tower is a chime of eleven bells, the gift of ex-Governor and Mrs. Mead.

HEPBURN HALL

HEPBURN HALL, built on one of the highest points of the campus, commands views of exceptional beauty of the village, Otter Valley, and both the Green and the Adirondack Mountains. The building was erected for the College by Hon. A. Barton Hepburn, of the Class of 1871. Accommodations for one hundred men are contained in a five-story building of brown tapestry brick, with gray stone trim. Construction is fireproof.

The rooms are *en suite,* with a study for each two men. All bedrooms are single. Each suite is connected with a toilet room. There are two separate shower-bath rooms on each floor, with three showers each.

Connected with the main structure by a loggia is the building containing the Commons and pleasant meeting and reading rooms for the men of the College, uniquely decorated with trophies of the hunting expeditions of Mr. Hepburn in Africa and Western North America.

Students' rooms are furnished with single bed, mattress, desk, chiffonier, and chairs for each occupant. Bedding and pillows are furnished by the occupants of the room.

The charge for rooms is from $80 to $150 a year for each occupant depending upon location. Full janitor service is provided, and there is no additional charge for heat and light. A matron has her home in the building. Incoming students may obtain a special circular, with floor plans, upon application to the Director of Admissions and Personnel.

HEPBURN COMMONS

ALL MEMBERS of the Freshman Class are required to board at Hepburn Commons and through a plan for rotation in seating an excellent opportunity is afforded for getting ac-

quainted with one's classmates. The rate for table board for the year 1929-30 is $125 a semester, in advance. The Commons is operated by the College under the management of Miss Mary C. Dutton, the college Dietitian.

THE PORTER ATHLETIC FIELD

The Porter Athletic Field, situated east and south of the Library, and extending from the Cornwall road to South Street, was purchased and equipped for the College by a friend. It is about eighty acres in extent, and beautifully situated, so that it commands an extensive view of the Green Mountains. The grounds contain a quarter-mile cinder track, baseball and football fields, a special field for Freshman athletics, and a grandstand with dressing rooms and shower baths.

In 1917 the College acquired one hundred additional acres with frontage on the river. A large boathouse has been constructed at a cost of $5,000. Canoes and rowboats are provided.

THE PORTER HOSPITAL

The Porter Hospital was given by Mr. William H. Porter, in memory of his father and mother, for the use of the College and of the people of Addison County. The building was completed in the Summer of 1925. It is of fireproof construction and equipped in the most modern fashion. A superintendent and a corps of graduate nurses are always on duty.

During the past year Mrs. Porter has added to the plant many improvements, including the annex and nurses' home, both completely equipped.

THE CHÂTEAU

The Château or Maison Française is located on the women's campus and is a two and a half story structure whose architecture was inspired by the Pavillon Henri IV of the Palace of Fontainebleau. It is thoroughly French in the interior as well as the exterior, with French windows, furniture, *et cetera.* It has accommodations for fifty students, and the recitation rooms of the French Department, the office of the Dean of the French School and the Library are all housed in this building. A limited number of men students whose qualifications are approved by the Dean of the French School are given the privilege of taking their meals at the Château.

THE MUSIC STUDIOS

This brick building of colonial design is the gift of Mrs. Emily Proctor Telfer, and houses the studios of the Musical faculty. There are also studios given over to instrumental and vocal practice as well as a larger studio used for Glee Club and Band rehearsals.

ASSIGNMENT OF ROOMS

In assigning rooms, preference is given to students in College in order of classes. A drawing for rooms for 1930-31 will be held about May 1, 1930. Students now occupying rooms and desiring to retain the same may do so by depositing $5 advance payment on room rent with the Dean before April 30. Incoming students desiring rooms for next year may secure reservations by sending the $5 advance deposit to the Director of Admissions and Personnel. Such reservations may not be cancelled after August 1. Students reserving rooms are

responsible for room rent during the year. Rooms not taken May 1 will be assigned to students applying later in order of application, irrespective of classes. All rooms are assigned subject to the regulations of the College as to student residences and occupants are liable for any damage to the dormitory and its furnishings.

The halls will be ready for occupancy by students on the first day of registration following the summer vacation period.

The Dean or a duly designated representative of the College shall have the right to inspect at any time any of the rooms occupied by students.

EXPENSES

BILLS are payable by semester in advance, one-half of the yearly charge being payable on registration in the fall and the balance at the opening of the second semester. A certificate of payment from the Treasurer's office is required before the student is allowed to attend classes.

The annual charges vary from $588 to $678, exclusive of laboratory fees and charges for extra courses, the difference depending upon the price of the room selected.

The following table includes the principal items:

Tuition	$250.00
Room rent in Hepburn, Starr and Painter Halls, including heat and light	60.00 to 150.00
Table board at Hepburn Commons	250.00
Gymnasium and athletic fee	20.00
Dispensary fee	3.00
"The Campus"	3.00
"The Saxonian"	1.00
Undergraduate Association Dues	1.00

In most of the courses in Biology, Chemistry, Drawing and Surveying, and Physics, a laboratory fee is charged as specified in the descriptions of the courses.

Students who take extra courses are charged $25 a semester for each extra course.

The graduation fee (for Seniors only) is $11.

Table board at the Château is $275 a year.

In view of the wide range in the expenditures of individual students for travel, textbooks, clothing, and fraternities and other social life, it is difficult to furnish an estimate as to the total amount necessary to meet all expenses. With the help of the list of fixed charges given above, however, the individual student should be able to work out an approximate estimate of his expenses for the year. The college reserves the right to change the above charges if necessary to meet the actual cost.

SELF-HELP

The college does not undertake to guarantee employment to students and does not *encourage* men to enter who are entirely without resources. There are, however, a limited number of opportunities for men to assist themselves doing such work as waiting on table in Hepburn dining room, assisting in the laboratories and offices of the college, and acting as janitors. The village of Middlebury is small and consequently the amount of work available outside the college is limited. It is the rare student who finds sufficient employment to cover his entire expenses, and with the present enrollment steady work cannot be supplied to all who apply. An employment bureau conducted by the office of the Dean serves as a clearing house for such work about the college and village as is available. Prior to matriculation, incoming

students should address all communications concerning employment to the Director of Admissions and Personnel.

STUDENT LOAN FUNDS

The College has received at various times funds for the purpose of making loans to students. Loans are made from these funds in moderate amounts for a limited time, when circumstances and conditions warrant, and in accord with the terms thereof. The funds are as follows:

General Student Loan Fund, $9,847, the aggregate of gifts from friends to be used in making loans to students, originating with a gift from Prof. Wm. W. Eaton of $25 in 1911.

Hazeltine Student Loan Fund, $2,500, received in 1923 under the will of Chas. B. R. Hazeltine and his sister, Harriet S. Hazeltine, of Arlington, Mass., "The income only to be used as a loan fund in assisting students in Middlebury College."

Elam R. Jewett Student Loan Fund, $3,000, received in 1923 from a friend, "The principal to be safely invested, the income and accretions to be loaned, under certain conditions, to men students of the college." By such accretions, the fund now amounts to $3,600.

William H. Porter Student Loan Fund, $10,000, an unconditional legacy received in 1927 under the will of William H. Porter of New York. By action of the Trustees it was made the William H. Porter Student Loan Fund, the principal to be safely invested and kept intact, the interest therefrom and accretions thereto to be used for making loans to worthy students of the Men's College from Vermont,—first consideration being given to those from Addison County.

SCHOLARSHIPS

THE COLLEGE has a number of student benefits, many of them given in early years at great self-sacrifice on the part of the donors. The income of these funds is expended exclusively in payment of the tuition, in part, of needy and deserving students of good deportment and application. When the number of students was much smaller, these funds allowed a somewhat more liberal bestowment of beneficiary aid than is now possible. *It is not expected that those whose circumstances admit the full payment of college bills will apply for college assistance.* It is earnestly desired, however, that, where need requires, those who might not otherwise be able to receive a college education will apply for aid from this source. The College has a long record of special encouragement to those who are obliged to secure an education largely through their own efforts. Incoming students should direct all correspondence concerning scholarships to the Director of Admissions and Personnel, who will furnish blanks for applications. Students already in College should apply to the Dean for such assistance.

Scholarships may be forfeited at any time during the course through negligence or misconduct. If a student fails in any semester to have a passing grade in four courses of which three shall be at least 70 per cent grade, any scholarship allowance for that semester is thereby forfeited.

If a student who has had the privilege of a scholarship leaves Middlebury to transfer to another institution, he will be required to pay the full amount of back tuition.

Among the student benefits dispensed by the College is the income from the following funds:

THE CHARITABLE SOCIETY FUND, $4,012, established in 1832.

The Literary Fund, $740, established in 1835.

The Warren Fund, $3,000, given in 1835 by bequest of Deacon Isaac Warren of Charlestown, Mass., and its income applied in payment of college bills of those who are preparing for the Gospel ministry.

The Subscription of 1852, $25,000.

The Waldo Fund, $10,000, established in 1864 by bequest of Mrs. Catherine E. Waldo of Boston.

The Baldwin Fund, $28,122, received in 1871 from the estate of John C. Baldwin, Esq., of Orange, N. J.

The Fairbanks Scholarships, $2,000, established by Thaddeus Fairbanks, Esq., of St. Johnsbury.

The Levi Parsons Scholarships, established by Hon. Levi T. Parsons Morton of New York City.

The Daniel O. Morton Scholarship, established by Hon. Levi Parsons Morton of New York City.

The Penfield Scholarship, $1,000, established by Allen Penfield, Esq., of Burlington.

The Charles A. Field Scholarship, $300, given to the village of Proctor, Vermont, "as a memorial of regard for Fletcher Dutton Proctor and of gratitude to him, and for courtesies received at the hands of other residents of said village."

The Bezelial Smith Fund, $1,000, established in 1893.

The A. P. Stafford Fund, $1,000, established "to assist needy students from Wallingford to an education."

The John A. Howe Scholarships, $3,000, bequeathed by John A. Howe, Esq., Class of 1853; the income first available for his descendants, and then under certain conditions for students from Poultney.

The Windham County Congregational Conference Scholarship, $600.

The Asa Wheelock Scholarships Fund, $5,000, established under the will of Charles B. R. Hazeltine of Arlington, Mass., the income first available for students from the town of Wardsboro, Vermont, and then from other small country towns in the State.

The Jonathan Coleman Southmayd Scholarship Fund, $4,000, established by Hon. Redfield Proctor, in 1922, its income first available for students (men or women) from Proctor.

The Agnes Warner Sunderland Fund, $3,000, established by Edwin S. S. Sunderland, Esq., Class of 1911, the income from which is first available for the assistance of students (men or women) from Cornwall.

The Charles B. R. Hazeltine Fund, $14,043, established in 1923 "for assisting worthy students."

The John W. Rowell Fund, $2,000, established by the late Chief Justice Rowell.

The President's Purse, $10,000, established by Mr. Charles M. Swift, the income to be disbursed at the discretion of the President.

The Dutton Fellowships, established in 1926 by the Honorable Redfield Proctor, to provide $1,000 each, awarded

to one man and one woman in the graduating class, whose excellence of record evidences fitness for graduate work. If this graduate work is continued abroad, an additional $500 is provided by the donor. These fellowships are awarded in somewhat the same manner as the Rhodes Scholarships, high standing being considered in connection with college leadership and interest in out-door sports and life. It is understood that this year of graduate work shall not be toward a professional career, such as Law, Medicine or Theology, nor continued at Middlebury. The judges consist of one member of the trustees chosen by the trustees, one member of the faculty chosen by the faculty, and the President of the College.

The New Jersey Student Aid Fund, $400, for boys from New Jersey.

A Friend's Fund, $189, to assist young men having the Christian ministry of the Methodist or Congregational Church in view.

The Ludger J. Tousant Fund, $225, established by the Class of 1920 in memory of their classmate—Ludger J. Tousant—killed in the World War.

The James M. Tyler Fund, $1,000, for students from Vermont.

The William W. Gay Fund, $5,000, established in 1929 by the gift of Mrs. Frederic F. Van de Water, Jr., in memory of her father, William W. Gay, Class of 1876.

The Herbert K. Twitchell Fund, $2,000, established in 1929 by a bequest received under the will of Mr. Twitchell for students from Vermont, preferably Addison County.

The Cornelia W. Bailey Fund, $33,250, established in 1929 under her will for students of the Protestant faith, residing in Vermont.

The total annual income available for scholarships from vested funds approximates $8,000.

STATE SCHOLARSHIPS

The College receives from the State of Vermont an annual appropriation of $7,200 for the payment to the amount of $120 annually of the tuition and incidental college charges of sixty students, two being appointed each year by each Senator in the General Assembly, from his respective county, provided any suitable candidate should apply therefor; otherwise from any county in the state.

Any Vermont student desiring to take advantage of a State scholarship should apply to one of the Senators of the county in which he resides, and the Senator may thereupon give him a certificate of appointment. Should the Senators in the applicant's county already have made appointments, the student should immediately apply to the Dean, as there may be a vacancy from some other county of which the applicant may avail himself. Incoming Freshmen should make such application to the Director of Admissions and Personnel.

The same regulations as to forfeiture through misconduct, poor scholarship, or unsatisfactory attendance apply to State scholarships as to student benefits owned by the College.

ADMINISTRATION

COLLEGE REGULATIONS

THE COLLEGE places in the hands of each student a pamphlet of regulations containing detailed information as to enrollment, attendance, scholarship, examinations, athletics, and student activities.

ENROLLMENT

THE college year begins on the Monday indicated in the calendar, the first three days, Monday, Tuesday, and Wednesday, being given to registration and condition examinations. All students are required to enroll at the Registrar's office on one of these days, and on the Thursday, Friday, and Saturday preceding the beginning of the second semester. A charge of $5 will be made for each enrollment after the days assigned for registration.

SCHOLARSHIP

THE SCHOLARSHIP of the students is graded on the scale of 100 per cent, 60 per cent being passing.

Reports of standing are made at the end of each semester. At these times notices of failures are sent to both students and parents.

At least 32 of the 40 semester courses required for graduation must be of not less than 70 per cent grade.

A student with 8 courses to his credit at the beginning of the college year, not including credits received in Physical Education 11., will be ranked as a Sophomore for that year; one with 18 courses, a Junior; one with 28 courses, a Senior. Physical Education 11. may not be counted in determining class ranking though counting toward graduation.

Not more than six semester hours can be attained by an undergraduate at a Summer Session. Proportionate credit will be allowed for work in summer sessions or summer quarters at other institutions where the period of summer work is longer than six weeks.

EXAMINATIONS

In those courses in which the subject matter of the two semesters' work is not related, a final examination is given at the end of each semester upon the work of that semester. But whenever the nature of the work makes it possible, year courses are offered with formal final examinations at the end of the college year covering the work of the entire year.

In addition to the course examinations described above, the College began in the college year 1927-28 the inauguration of a comprehensive examination system which requires each student to pass a searching examination covering all the work taken by him in the department in which he has concentrated. The Department of French was the first to adopt this plan. Details of its requirements as they apply to the French Department will be found under "Departments of Instruction," page 67 of this Catalogue and the head of the French Department will gladly answer inquiries. Beginning with the year 1930-31 the Department of English will require a very similar examination of those whose concentration has been in English. It is expected that other Departments of the College will adopt the plan as rapidly as their work can be arranged to accord with it.

A student inexcusably absent from an examination will be conditioned. A student unavoidably absent from college at the time set by the Registrar for taking the examination will be given an opportunity without fee immediately upon his

return to college or before the beginning of the corresponding semester of the following year. If he fails to meet this requirement, he must repeat the course with the following class if the subject is a required one.

A student whose term mark in any course falls below 50% is excluded from examination and must, if the subject is a required one, repeat it with the following class.

A student will be conditioned whose recitation and examination mark combined in the ratio of three to one is below 60%. No student will be allowed to pass whose examination mark is below 50%.

CONDITIONS IN COLLEGE WORK

A STUDENT who fails to pass an examination at the close of the first semester, and is thereby conditioned, is given an opportunity to take another examination either on the first day after the Easter recess, or on such one of the three days of the next college year as shall be determined by the Registrar. A student who is conditioned at the close of the second semester may take an examination on such one of the first three days of the next college year as shall be determined by the Registrar, or on the first day after the Christmas recess.

Application for the opportunity to remove a condition or deficiency must be made to the Registrar and a fee of $5 paid. If an examination is to be taken, the application to the Registrar must be made at least one week in advance of the time set for the examination.

A student must take a make-up examination at the time for which he registers, unless excused by the Dean in advance.

No exception will be made save in the following cases:

1. A Senior may take an examination for each deficiency, or condition, incurred during the senior year, on the Friday preceding Commencement.

2. If the course in which a student has been conditioned is given in the Summer Session, he may remove the condition by taking that course and passing at its close an examination which will be based upon the regular college course and, if possible, be set by the instructor who imposed the condition.

To remove a condition the average of the term mark and the new examination mark combined in the ratio of three to one must reach 60 per cent.

Any student failing to make up a condition as provided for above must repeat the course with the following class if the subject is a required one, even though, from conflict of hours, or any other cause, it necessitates for him the temporary omission of some of the regular work of his class.

SPECIAL HONORS

As an incentive to such students as have the ability to do more than should be required of the majority, and to promote and encourage individual investigation in the various departments of the curriculum, the Faculty have established a system of honors. These are divided into two classes, Honors and High Honors, and are subject to the following regulations:

1. Honors must be sought in the department in which the candidate is concentrating, and at the end of his course, his application for Honors must have the unanimous recommendation of the department.

2. The candidate shall announce his intention of working for Honors to the Registrar and to the head of the department concerned, at a time not later than the registration period at the beginning of the senior year, and he is urged to consult with the departmental head sometime towards the

end of his junior year in order that there may be ample time in which to plan the special work for Honors.

3. In order to become a candidate for Honors, a student must have obtained an average rank of not less than 80 per cent in the department in which he seeks Honors.

4. The candidate shall pursue a line of individual investigation or research throughout the senior year, under the direction of some member of the department in which he seeks Honors. At the end of the year, he shall present a thesis embodying the results of his investigation, and shall pass an examination on the field in which the work is done. The extra work required shall be equivalent to three semester hours lasting over the year. At the discretion of the instructor, this extra work may be based upon the material of some regular course of the department, and partially supervised by enrolling the student as an auditor in the course.

5. This special work shall not be counted as a course, no academic credit shall be allowed, and no extra fee shall be charged.

6. In order to secure Honors, the student must obtain a grade of 85 per cent in the special work, and a general average of 80 per cent in his entire college course. In order to secure High Honors, the student must obtain a grade of 90 per cent in the special work, and a general average of 85 per cent in his entire college course.

7. Each department shall have the right to add such further requirements as seem suitable for its own work, (as for example, a set of required courses in the department, or of complementary courses in allied departments, a certain grade in a comprehensive examination, etc.).

These honors will be printed on the Commencement program and in the next annual Catalogue, and will be certified to, when requested, by a written certificate from the Registrar and the professor of the department, stating the nature and quality of the extra work done.

The degrees of A.B. and B.S. are conferred *cum laude* upon those who have attained an average rank, for the

entire course, of 85 to 90 per cent; *magna cum laude* if that rank is 90 to 95 per cent; *summa cum laude* if it is 95 per cent or above.

HONORARY APPOINTMENTS

The Faculty, under the direction of the Corporation, give the honorary Commencement appointments in college; to the man attaining highest rank, the appointment of Valedictorian, and to the second in rank, the appointment of Salutatorian.

PHI BETA KAPPA

The Middlebury Chapter of the Phi Beta Kappa Society is the Beta of Vermont. Members of each senior class, who have attained an average rank of 89 per cent for six semesters, or an average rank of 87½ per cent for eight semesters are eligible for membership, up to a maximum of 15 per cent of the class.

PRIZES

The Parker Prizes. Established by gift of Daniel Parker, Esq., in 1807, and Professor Frederick Hall in 1820. Four prizes of $50, $35, $25 and $20 to the four men of the Freshman class who are adjudged the best speakers in a contest held at some time during the second semester.

The Merrill Prizes. Established in 1882 by bequest of Rev. Thomas Abbott Merrill, D.D., Trustee, 1806-55. Four awards, $50, $35, $25 and $20 to the four men of the Sophomore class adjudged the best speakers in a contest held at some time during the first semester.

The Deacon Boardman Peace Prize. Established in memory of Samuel Ward Boardman (1789-1870). An annual prize of $30 to the member of the Junior class submitting the best esssay in favor of peace, and in opposition to war as a method for settling international differences. The essay must be creditable as a literary composition and consist of at least 2,000 words.

The George H. Catlin Classical Prize, $1,000. Established in 1918 by the gift of Mr. George H. Catlin of Scranton, Pa., the income furnishing an annual award to be made to that man in the Senior class whose college work in Greek and Latin is adjudged to be worthiest of the distinction. The awarding committee consists of the Head of the Department of Greek, the Head of the Department of Latin and the Dean of the College.

The Kellogg Latin-English Prize. Established by gift of Prof. Brainerd Kellogg, LL.D., Litt.D., of the class of 1858, Trustee, "to encourage Latin and English." The income from $500 awarded annually to the two best papers in Horace.

The Wetherell Prizes. As a memorial to Professor Archibald D. Wetherell, a permanent foundation for the encouragement of debating was established in 1922, through the interest and cooperation of his friends and admirers. The fund now amounts to $1,100, the income from which is awarded annually in prizes to the two men showing the greatest interest and proficiency in debating.

The Edwin Winship Lawrence Prizes. Established in memory of donor's father, George Edwin Lawrence, of the Class of 1867. A first prize of $25, a second prize of $15 and a third prize of $10 will be awarded annually to the three

students who in the judgment of the English Department of Middlebury College exhibit the most proficiency in debating.

The same donor has given a fund to provide prizes of $25, $15 and $10 for the best debaters in the annual Middlebury College-University of Vermont Debate, the winners to be the best three from the two teams.

The George Sedgwick Swift Prize. Established in 1926 by Charles M. Swift in memory of his father, George Sedgwick Swift of the Class of 1839. An annual prize of $500 awarded to the member of the Men's College who writes the best essay on the theme, "The World Does Not Owe Me a Living," to be awarded annually for five years.

The Charles M. Swift Prizes in Playwriting will be given for the best three one-act plays written by pupils in Drama in the year 1929-30. These prizes will be $75, $50 and $25. It is expected that the plays will be given in the College Playhouse, and the award based both on excellence of the writing and on their acting quality as proved by production.

The Hazeltine-Klevenow Cup, awarded to the student having best combined ability in athletics with excellence in scholarship; the choice to be made from the entire student body; the name of the recipient to be placed on the cup annually as a permanent record; and a replica of the cup to be presented at the time of announcement.

GRADUATE WORK

Middlebury College provides courses in many departments for students desiring to pursue a Master's degree. Correspondence should be directed to Professor P. Conant Voter, Chairman of the Committee on Graduate Work.

The degrees of Master of Arts and of Master of Science may be attained by graduate work completed during the regular college year, or at the Summer Sessions, in accordance with the following regulations:

1. The candidate must have a baccalaureate degree from this College, or from another institution whose course of study and requirements for graduation are approved by the Committee on Graduate Work.

2. Candidates should register during the first week of either semester, or during the first week of the Summer Session. A renewal of all existing registrations must be made at the beginning of each college year.

3. To obtain the degree of Master of Arts, or Master of Science, one full year in residence and the completion of work equivalent to thirty semester hours will be necessary. This requirement of residence may also be met by attendance at the Summer Sessions. Not more than eight semester hours may be secured at a single Summer Session; and not more than six semester hours in a European Section of the Summer Session.

4. To obtain either of the advanced degrees two-thirds of the required work must be completed at Middlebury College.

5. Candidates for the Master's degree shall present to the Committee on Graduate Work for its approval, a statement of the intended course of study, with the written approval of the head of the department in which the major work is to be undertaken.

6. The major work of the candidate must be undertaken in some department in which there have been completed undergraduate courses of study of such advanced grade as to satisfy the department of his fitness to enter upon graduate work.

7. One-half of the required work or, at the discretion of the head of the department, two-thirds, must consist of graduate studies or investigations prescribed by the department in which the major work is undertaken; the remaining part may be pursued in courses of graduate grade recommended by the department. A minimum grade of 80 per cent shall be maintained in all of the courses counting towards the degree.

8. Graduates of Middlebury College who have to their credit graduate courses taken in undergraduate years and not counted toward a baccalaureate degree may, subject to the approval of the head of the department concerned, count fifteen semester hours towards an advanced degree, provided these courses are in subjects related to the department in which major work for the advanced degree is to be done. Subject to the same requirements, graduates of other recognized colleges may count towards the Middlebury degree similar graduate courses completed in undergraduate years and not counted towards the baccalaureate degree.

9. Graduate work done in other institutions, and presented for transfer credit towards the Middlebury Master's degree, must be acceptable towards the same degree at the institution where the work was done.

10. No courses counted in conferring a first degree at Middlebury College, or elsewhere, shall be accepted for a second degree.

11. A senior who has satisfied all the requirements for the baccalaureate degree at the end of the first semester may continue his study towards the Master's degree during the second semester. Such a student shall be considered a graduate student and his program of study must conform to the regulations governing graduate work.

12. Besides the regular examination, the candidate must be examined in the subject chosen for the major study, and, at the discretion of the department in which the work is done, may be required to present a thesis.

13. The degree shall be conferred either at the Commencement or at the Summer Session following the completion of the work.

14. The regular tuition fees for undergraduate work are charged. An additional fee of $15 is required for the final examination and the diploma.

THE DOCTORATE IN MODERN LANGUAGES

Besides the Master's Degree, the Middlebury Summer School of French and Spanish now offer an advanced degree: The Doctorate in Modern Languages (D.M.L.). The principal requirements are:

1. The Master's Degree in French or Spanish from some recognized university.

2. Residence at Middlebury College equivalent to five year-courses or thirty credits. This will ordinarily require four summers' residence at Middlebury, but the basis of the requirement is chiefly the fulfillment of a program, not merely a given total of points. The student will be required to complete the main lines or groups of our curriculum—Stylistics, Phonetics, Realia, Teaching Methods, Literature, and Philology.

3. Two semesters' residence in the foreign country of the major language. This time should be spent in study in approved courses to be equivalent to twelve hours a week (or twenty-four semester hours) of class exercises. The work must be done according to a plan previously approved by the Dean of the respective School, and the final results must also be approved by him. Work done in a foreign country prior to the student's enrollment as a candidate for the D.M.L. cannot be accepted.

4. A major language (French or Spanish).

a. A thorough knowledge of and the ability to use the spoken and written language, tested by an oral and written examination.

b. A thorough study of and training in phonetics. Candidates will be required to do at least one summer's work in the phonetics laboratory, and to write a report on their research.

c. A scientific study of modern methods of teaching foreign languages. Note—Besides attendance in the courses of methods at Middlebury, candidates will be required to teach at least one year under supervision. Statements will be requested from superintendents of schools, heads of departments, and others as to the success of the candidate's teaching and professional ability. No student will be granted the D.M.L. who cannot be unqualifiedly recommended as an experienced and successful teacher of the language.

5. A final oral examination conducted entirely in the major language, before a board including native members of the faculty; this examination to cover all elements of the candidate's preparation—phonetics, pedagogy, literature, etc. (This training should include a certain amount of philological preparation—Old French or Old Spanish, Phonology, Morphology—but these subjects should be studied not *in se* and *per se,* but always with the idea of the help they may afford to the knowledge and teaching of the modern languages.)

6. A minor language (preferably another Romance Language). This will be tested by an oral and written examination. The candidate's knowledge of the language should be sufficient at least to teach successfully the elementary courses in the language. In addition, a reading knowledge of German will be required, as a guarantee of the ability to use German texts or editions.

7. A dissertation written in the major language. This dissertation, which should approximate 35,000 words, is intended to prove a thorough and understanding study of some subject, literary, phonetic, or pedagogical, which is

worth a careful study. It must embody considerable original work and reflection, must show a mastery of the field, clearness of thought, and must be written in correct and easy style. The subject must be chosen and the preparation continued under the guidance of some member of the Middlebury faculty.

THE GENERAL CATALOGUE

In 1928, a new edition of the General Catalogue was issued. Its plan is similar to that of 1915, but more comprehensive, with an historical sketch of the College, and completely revised biographies of Alumni and Alumnae including the members of the Class of 1927. Its binding is uniform with those of the previous editions, and its price, $2.50 per copy, postpaid.

Orders should be sent to E. J. Wiley, Compiler of the General Catalogue, Middlebury, Vermont.

THE KALEIDOSCOPE

THE KALEIDOSCOPE, the college annual, is published by the Junior Class under the direction of a board of editors and a business staff chosen from the Class toward the close of its second year. The publication is issued in the spring of the next year, usually during or just before Junior Week.

THE ASSOCIATED ALUMNI

ESTABLISHED in 1824, the Associated Alumni has had a continuous existence of over a century.

Where in the past this organization has played only a social part, in striving to keep the graduates of the College interested in each other and in the College itself, its aims now tend toward a more active part in the life of the College. Consequently this Association purposes not only to bind its members in closer bonds of loyalty and affection, but to be of material assistance in the forwarding of the plans and projects of the administration.

The business of the Association is conducted through the office of the Secretary, who is also Director of Admissions and Personnel. Addresses of graduates and former students and biographical information regarding them are filed in that office and are available upon request.

The division of Districts is as follows:

Region No. 1

A. Middlebury District—Northeastern New York State, Vermont (except the southernmost portion), and northern New Hampshire. District Center, Middlebury.

B. Boston District—Maine, southeastern New Hampshire, eastern Massachusetts and Rhode Island. District Center, Boston.

C. Springfield District—Southwestern New Hampshire, southeastern Vermont, the balance of Massachusetts, and that section of Connecticut, including Hartford, which is nearer to Springfield than to New Haven. District Center, Springfield.

Region No. 2

A. New Haven District—Including the balance of Connecticut. District Center, New Haven.

B. Albany District—Eastern New York State, southwestern Vermont, and a small part of western Massachusetts. District Center, Albany.

C. New York City District—New York City, New Jersey, parts of New York State contiguous and a small part of Connecticut. District Center, New York City.

Region No. 3

A. Buffalo District—Remainder of New York State, Ohio. District Center, Buffalo.

B. Washington District—Pennsylvania, Delaware, and Southern States to the Mississippi.

C. Chicago (Western) District—Remainder of the United States and all foreign countries. District Center, Chicago.

The officers of the Associated Alumni are:

National President—Gilbert W. Roberts, '02, New York City.

Term: 1 year

District Presidents:

Region I. Term: 1 year

Middlebury Dist.: Walter H. Cleary, '11, Newport, Vt.
Boston Dist.: Frederick L. Fish, '16, Belmont, Mass.
Springfield Dist.: Henry L. Bailey, '86, Longmeadow, Mass.

Region II. Term: 3 years

New Haven Dist.: Duane L. Robinson, '03, Watertown, Conn.
Albany Dist.: William H. Hammersley, '04, Albany, N. Y.
New York City Dist.: Allen H. Nelson, '01, New York City.

Region III. Term: 2 years

Buffalo Dist.: James F. Taylor, '05, Niagara Falls, N. Y.
Washington Dist.: John C. Scofield, '80, Washington, D. C.
Chicago (Western) Dist.: Robert F. Hunt, '10, Chicago, Ill.

National Secretary—Edgar J. Wiley, '13, Middlebury, Vt.
Term: 1 year

Alumni Trustees:

Region I (2 years)
Homer L. Skeels, Ludlow, Vt.

Region II (1 year)
Carl A. Mead, New York City.

Region III (3 years)
Thomas H. Noonan, Buffalo, N. Y.

ALUMNI AND ALUMNAE ASSOCIATIONS

THE OFFICERS of the various state and local Alumni and Alumnae Associations, for the year 1929-30 are as follows:

The New York Association

President and Toastmaster, Allen H. Nelson, '01; Secretary and Treasurer, Gerald H. Cabot, '22; Executive Committee, Donald D. Frederickson, '25, Henry Happ, '25, George Hinman, '28.

The Boston Association

President, Frederick L. Fish, '16; Vice-President, Mrs. C. H. Paulsen, '18; Secretary and Treasurer, Kendall S. McLean, ex-'13; Executive Committee, O. K. Collins, '02, Cyril Shelvey, '23.

The Western Massachusetts Association

E. J. Ryan, '12, President and Manager.

The Alumnae Association

President, Frances Caswell Nelson, '23; Vice-President, Harriet Smith Potter, '15; Secretary and Treasurer, Inez C. Cook, '09; Executive Committee, Eleanor Frost Peck, '26, Edith Fay Johnson, '09.

The Worcester County (Mass.) Alumnae Club

President, Doris Ashworth, '22; Vice-President, Pauline Cross, '27; Secretary, Marion Janes, '24; Treasurer, Helen Warren, '23; Advisory Committee, Doris Ashworth, '22; Barbara Smith, '13; Mary Guerin, '14; Ethel Putman, '19; Maude Tucker Severance, '04.

The Connecticut Alumni Association

President, Duane L. Robinson, '03; Secretary and Treasurer, Helen C. Prageman, '23.

The Chicago Association

President, R. F. Hunt, '10; Vice-President, Mrs. Walter Fuller, '01; Secretary and Treasurer, Gwendoline Morris Barnes, '10.

The Ohio Association

Executive Committee, Don Belden, '19, and Robert Valentine, '21.

The Washington, D. C., Association

President, John C. Scofield, '80; Vice-President, Mrs. Martha E. M. Miller, '10; Secretary, Frederick J. Bailey, '01.

The Buffalo Association

President, Thomas H. Noonan, '91; Secretary and Treasurer, Linwood B. Law, '21.

The Albany Club

President, Carroll S. White, ex-'22; Vice-President, Edith H. Tallmadge, '21; Secretary and Treasurer, Arthur M. Ottman, '17.

NEEDS OF THE COLLEGE

Apart from the constant need of increased endowment the most pressing needs of the College are:

1. Adequate athletic facilities. A complete equipment with all modern facilities could in all probability be secured for $800,000 but the contemplated plan calls for building this in units which can be added as funds are secured, in amounts from $150,000 up. The present Gymnasium could become an assembly hall, a much needed unit at present.

2. Adequate recitation facilities. The Old Chapel, in use since 1836, is insufficient and unsuitable for recitation purposes. The present method of using the Warner Science and the Chemistry Building for non-laboratory purposes is undesirable. A recitation hall could be built for $200,000 and would release the Old Chapel for purely administrative purposes.

3. A small building for a general students' club and social center where undergraduate meetings could be held, to cost from $100,000 up.

Total Suggested sum needed:

Gymnasium	$800,000
Recitation Hall	200,000
Students' Club	100,000
	$1,100,000

FORMS FOR BEQUESTS

THE corporate title of Middlebury College is "The President and Fellows of Middlebury College."

The following forms are suggested:

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of ————dollars, to be used by the Trustees of said College for such purposes and in such manner as they shall deem appropriate.

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of ————dollars, to be invested by the Trustees of said College, and the income thereof to be applied to the uses of said College in accordance with the terms of its charter.

PRIZES AWARDED

PRIZE SPEAKING AWARDS

Merrill Prizes

Class of 1931

First Prize	Clarence Arthur Hazen
Second Prize	Richard Henry Amerman
Third Prize	Robert Gordon Spencer
Fourth Prize	Lloyd Charles Mann

Parker Prizes

Class of 1932

First Prize	Gray Nelson Taylor
Second Prize	Robert Nelson Perry
Third Prize	Reamer Kline
Fourth Prize	Archie Kirkland Sloper

Wetherell Debating Prizes

First Prize	Samuel Warren Pattee
Second Prize	Raymond Joseph Saulnier

Lawrence Debating Prizes

(For best men debaters in Middlebury College.)

First Prize	Reamer Kline
Second Prize	Raymond Joseph Saulnier
Third Prize	Richard Henry Amerman

The George Sedgwick Swift Prize

Raymond Francis Bosworth

The Charles M. Swift Prizes in Playwriting

First Prize	Raymond Francis Bosworth
Second Prize	Donald Fraser Deedman
Third Prize	Arthur Hamilton Lawson

DEACON BOARDMAN PEACE PRIZE
Ronald Milton Straus

GEORGE H. CATLIN GREEK-LATIN PRIZE
Robert Whitton Meader

THE HAZELTINE-KLEVENOW CUP
Carl George Sorensen, '29

CALENDAR

College Year 1929-30

September 19-21	Thursday to Saturday, Entrance Examinations
September 23-25	Monday to Wednesday, Registration Days and "Freshmen Week"
September 26	Thursday, President's Address, Mead Memorial Chapel, 9:30 A.M.
September 27	Friday, Recitations begin, 8:00 A.M.
November 28	Thursday, Thanksgiving Day
December 20	Friday 11:00 A.M } Christmas
January 7	Tuesday, 8:00 A.M. } Recess
February 8	Saturday, First Semester ends
February 11	Tuesday, Second Semester begins
February 22	Saturday, Washington's Birthday
March 28	Friday, 11:00 A.M. } Easter
April 8	Tuesday, 8:00 A.M. } Recess
May 8, 9, 10	Thursday, 12:30 } Junior
	Saturday } Week
May 30	Friday, Memorial Day
June 21	Saturday, Class Day
June 22	Sunday, Baccalaureate
June 23	Monday, Commencement Day
June 30	Monday, Bread Loaf Registration
July 4	Friday Chemistry, French and
July 5	Saturday Spanish Summer School Registration
August 15	Friday, Bread Loaf closes
August 22	Friday, Chemistry, French and Spanish Schools close
August 18-30	Bread Loaf Conference

College Year 1930-31

September 18-20	Thursday to Saturday, Entrance Examinations
September 22-24	Monday to Wednesday, Registration Days and "Freshman Week"
September 25	Thursday, President's Address, Mead Memorial Chapel, 9:30 A.M.
September 26	Friday, Recitations begin, 8:00 A.M.
November 27	Thursday, Thanksgiving Day
December 19	Friday, 11:00 A.M. } Christmas
January 6	Tuesday, 8:00 A.M. } Recess
February 7	Saturday, First Semester ends
February 10	Tuesday, Second Semester begins

DEGREES CONFERRED IN 1929

HONORARY DEGREES

Doctor of Laws

George McClellan Powers
Morrisville, Vermont

Doctor of Science

James Young Simpson
Edinboro, Scotland

Doctor of Letters

Archer Butler Hulbert
Colorado Springs, Colorado

Doctor of Divinity

Albert George Butzer
Ridgewood, New Jersey

Audley Janes Bliss
Phillipsburg, New Jersey

Master of Pedagogy

Samuel James Preston
White Plains, New York

Master of Arts

Alberta Louise Beeman
St. Albans, Vermont

DEGREES IN COURSE

WITH COMMENCEMENT APPOINTMENTS

Master of Arts

Albert Ranty
Elbert Winfred Ringo

Master of Science

Milton Lawrence Hard
Robert Wright McAllister

Bachelor of Arts

Anastas George Augustine
Francis Smith Barker
Ralph Charles Boylan
Paul Arthur Burns
Bristol Chatterton[6]
William Earl Davis§¶†
Donald Fraser Deedman†
Otis Russell Jason
Ellsworth Newcombe Lawrence‖¶†
Frank Le Raher
Freddie Ryeburn Lynch
Robert Whitton Meader†
Sam Warren Pattee
Llewellyn Roberts
Nelson Earle Sanborn[1]
Chester Herbert Sloat
Pierce Butler Smith
James Cutting Thomson†

Bachelor of Science

Francis Leroy Graham Agne
Charles Warren Allen
Paul Frederick Anderson
Edward Patrick Armstrong
Newton Henry Baker
William Lyttle Benson
Napoleon Joseph Blanchette
Raymond Francis Bosworth[3]
Russell Dean Brown
Arthur Twitchell Brush
Ronald Powell Burrows
Paul Joseph Butler
Harlan Francis Davis
James Stuart Dearborn

Edward Roseman Denio
Frank Austin DeWitt†
Gordon Lockwood Douglas
Allison Burton Ellsworth
Bradley Wooster Eno
John Andrew Fuhrer
William Bela Gazdagh, Jr.
Folke Gruggel
Corwin Lewis Happ
Martin James Harris
Donald Clarke Henderson
Kenneth Edward Higgins
Arthur Francis Hingston
David Francis Howe
David Isaac Hoyle
Henry Everett Hunt
Thad Rice Jackson
Morris Townsend Johnson
Vernet Spencer Keller
Stillman Francis Kelley, 2nd
Wallace Morton Kelley[2]
Harold Eugene Kinne
Theodore Christian Kramer
Edward Flinn Landon
Richard Andrew Lobban[5]
Robert Hans Samuel Mark
Chauncey Albert Niles
Joseph Chapman Osborn
Paul Carlton Reed
Leonard Daniel Riccio
Raymond Joseph Saulnier[4]
Russell Stuart Schmidt
Claude Lewis Scribner
John Joseph Sheehan
Kenneth Abram Shutts
Gilbert Maloy Smith
Carl George Sorensen
Norman Albert Stettbacher
Raymond Newton Tomlinson
Paul Raymond Van Ess[1]
Edwin Emerson Waite, Jr.
Frederick Cecil Watson
David Darwin Waugh
Christopher Allen Webber
Henry Marble Weston
John Malcolm Williams
Albert Edward Willis
Warren Ruggles Witt
Stewart Clifton Wright

‖ Valedictory Honors
§ Salutatory Honors
¶ Phi Beta Kappa
† Degrees conferred cum laude

[1] High Honors in Chemistry
[2] Honors in Chemistry
[3] Honors in Drama and Public Speaking
[4] Honors in Economics
[5] Honors in Mathematics
[6] High Honors in Philosophy

STUDENTS

(The letter *a* after the name of a student indicates that he is a candidate for the degree of Bachelor of Arts; the letter *s* that he is a candidate for the degree of Bachelor of Science.)

GRADUATE STUDENTS

William Lyttle Benson, '29	*Middlebury*	Beta Psi Lodge
Arthur Pierre Couture, St. Michael's Coll.	*Winooski*	10 Weybridge St.
Homer William John Cressman, Muhlenberg Coll.	*Limeport, Pa.*	6 Franklin St.
Walter Woodbury David, Univ. of Chicago	*Chicago, Ill.*	Salisbury
Theodore Trefry Goodwin, '28	*Marblehead, Mass.*	25 Painter Hall
Edward Allen Jones, Morehouse Coll.	*Atlanta, Ga.*	22 Seminary St.
Freddie Ryeburn Lynch, '29	*Lawrence, Mass.*	S. P. E. House
William Raddin Pond, Jr., Princeton Univ.	*Rutland*	22 Hepburn Hall
Nicholas Saliani, '28	*New York, N. Y.*	10 Weybridge St.
Ralph Sterling Temple, Rutgers Univ.	*Tottenville, Staten Island, N. Y.*	19 Starr Hall

SENIORS: CLASS OF 1930

Conwell Worden Abbott	*s*	*Gallupville, N. Y.*	5 Hepburn Hall
Edward Ronald Allen	*s*	*Rochester, N. Y.*	D. U. House
Carle Francis Bagley	*s*	*Peabody, Mass.*	K. D. R. House
Curtis Van Schoonhoven Bellinger	*a*	*White Plains, N. Y.*	23 Painter Hall
Ellis Adams Bemiss	*a*	*Malden, Mass.*	42 Hepburn Hall
Alexis Victor Boisseau	*s*	*Brooklyn, N. Y.*	47 Hepburn Hall
Roland Augustine Casey	*s*	*Franklin, Mass.*	A. S. P. House
Frank Andrew Chromec	*s*	*K nosha, Wis.*	D. K. E. House
Edward Leach Clark	*a*	*Pawlet*	9 Starr Hall
Ernest Jennings Clarke, Jr.	*s*	*Upper Montclair, N. J.*	D. K. E. House
Robert Barnes Cook	*s*	*Watertown, Conn.*	K. D. R. House
Grosvenor Marcy Crooks	*s*	*Barre, Mass.*	43 Hepburn Hall
David Crevling Daland	*s*	*Bloomfield, N. J.*	S. P. E. House
Robert Milton Dalton	*s*	*Hollis, L. I.*	S. P. E. House
George Warren Davis	*s*	*Providence, R. I.*	24 Starr Hall
Clinton Willard Demeritt	*s*	*Waterbury*	Beta Psi Lodge
Louis Andrew Diguilio	*s*	*Meriden, Conn.*	16 Hepburn Hall
Frederick Carl Dirks	*s*	*Portsmouth, N. H.*	26 Starr Hall
Millard George DuBois	*s*	*Kingston, N. Y.*	9 Hepburn Hall

Donald Stewart Farnham	*s*	*Shoreham*	22 Starr Hall
Richard Adney Fenderson	*a*	*Saco, Maine*	7B Painter Hall
Cecil Smith Fowlston	*s*	*Oneonta, N. Y.*	9 Hepburn Hall
Valmer Julian Goltry	*s*	*Kenosha, Wis.*	D. K. E. House
Wallace Edward Green	*a*	*Rochester, N. H.*	42 Hepburn Hall
Samuel Guarnaccia	*a*	*Wakefield, Mass.*	K. D. R. House
Lloyd Cole Hackett	*s*	*Albany*	28 Hepburn Hall
Wilson Hermon Hasseltine	*s*	*Bristol*	A. S. P. House
Thomas Tracy Heney	*a*	*New York, N. Y.*	Chi Psi Lodge
Elbert Hugh Henry	*s*	*Pawtucket, R. I.*	D. K. E. House
Robert Ross Herrick	*s*	*Elizabeth, N. J.*	8 Hepburn Hall
Arthur John Hoffman	*s*	*Brooklyn, N. Y.*	K. D. R. House
Thomas Morrison Hoffnagle	*s*	*Ticonderoga, N. Y.*	S. P. E. House
Carl Douglas Howard	*a*	*Rutland*	22 Painter Hall
William Walker Howe	*s*	*Ludlow*	Beta Psi Lodge
Warren Elmer Jacobs	*s*	*Flushing, L. I.*	24 Starr Hall
Ralph Lewis Johnson	*s*	*Woburn, Mass.*	3 Hepburn Hall
Walter Scott Keen	*s*	*Binghampton, N. Y.*	K. D. R. House
Royal Otis Knowlton	*a*	*Mansfield, Conn.*	22 Painter Hall
John Philip McDonald	*a*	*Springfield, Mass.*	A. S. P. House
Hugh McKee	*s*	*Moriah Center, N. Y.*	Beta Psi Lodge
Robert Proctor McLeod	*s*	*St. Albans*	2 Hepburn Hall
Lloyd Mann	*s*	*Margaretville, N. Y.*	15 Starr Hall
Burton Sanford Marsh	*s*	*West Rutland*	25 Starr Hall
Richard Phelps Miller	*s*	*East Northfield, Mass.*	A. S. P. House
William Charles Morrison	*s*	*Bradford, Mass.*	27 Washington St.
Alfred Gibbs Morse	*s*	*Wollaston, Mass.*	29 Hepburn Hall
Arthur Eugene Newcomb, Jr.	*a*	*Wakefield, Mass.*	49 Hepburn Hall
Henry Morgan Newman	*s*	*Norwood, Mass.*	9 Starr Hall
Bertel Carl Nylen	*s*	*Shelton, Conn.*	K. D. R. House
John Owen	*s*	*Port Henry, N. Y.*	D. K. E. House
Guy Foster Page	*s*	*Malone, N. Y.*	K. D. R. House
Maurice Judson Page	*s*	*Derby*	23 Starr Hall
Arthur Lincoln Pierce	*s*	*Burlington*	19 Hepburn Hall
Edson Wellington Sessions	*s*	*Middlebury*	22 Starr Hall
Charles Augustine Stanley	*s*	*Lawrence, Mass.*	D. K. E. House
John Hartwell Stearns	*s*	*Springfield*	D. K. E. House
Ronald Milton Straus	*s*	*Peekskill, N. Y.*	25 Starr Hall
Thomas Kwang Jwe Sun	*s*	*Tientsin, China*	D. U. House
James Joseph Tibone	*s*	*Rockville Centre, L. I.*	B. K. House
Harry Eaton Tomlinson	*s*	*Monkton*	27 Starr Hall
Leslie Valois	*s*	*Malone, N. Y.*	3 Hepburn Hall
Walter Raymond Wells	*s*	*Brattleboro*	6 Hepburn Hall
Charles William White	*a*	*Auburn, N. Y.*	41 Hepburn Hall
Laurence Henry Wilson	*s*	*New London, Conn.*	Chi Psi Lodge
Sanford Stowell Witherell	*s*	*Shoreham*	D. U. House
Ralph Eugene Woodbury	*s*	*Glens Falls, N. Y.*	B. K. House
Charles Willard Wright	*s*	*Glover*	7 Hepburn Hall
Theodore Henry Zaremba	*s*	*Buffalo, N. Y.*	D. U. House

JUNIORS: CLASS OF 1931

Samuel Lee Abbott, Jr.	*s*	*Ashland, Mass.*	K. D. R. House
James Calvin Affleck	*s*	*Wallingford, Conn.*	K. D. R. House
Richard Henry Amerman	*a*	*Brooklyn, N. Y.*	25 Painter Hall
Albert Edward Arnold, Jr.	*s*	*Mount Vernon, N. Y.*	D. U. House
Edmund Corey Bray	*s*	*Framingham, Mass.*	17 Painter Hall
Philip Ellsworth Brewer	*s*	*Hartford, Conn.*	6 Hepburn Hall
Cornelius Persen Brink	*s*	*Elizabeth, N. J.*	Chi Psi Lodge
Donald Graham Brown	*s*	*Adams, Mass.*	12 Starr Hall
Harry Bullukian	*s*	*Franklin, Mass.*	A. S. P. House
Robert Gay Calef	*s*	*Keene, N. H.*	D. U. House
Edward Parker Calvert	*s*	*Groton, Conn.*	Chi Psi Lodge
Howard William Chappell	*s*	*Clinton, N. Y.*	D. K. E. House
Paul Ciavarra	*s*	*Brockton, Mass.*	Beta Psi Lodge
Burditt Wilkie Collins	*s*	*Hingham, Mass.*	D. U. House
William Kenneth Cox	*s*	*Valley Falls, N. Y.*	B. K. House
Walton Temple Crocker	*s*	*Reading, Mass.*	D. U. House
Hiram Maxim Crommett	*a*	*Patten, Maine*	14A Painter Hall
Paul Kenworthy Daland	*s*	*Bloomfield, N. J.*	S. P. E. House
Roy Charles Davenport	*s*	*Rutland*	D. U. House
Leighton Francis Duffany	*s*	*Shoreham*	S. P. E. House
Richard Arthur Fear	*s*	*Gloversville, N. Y.*	D. U. House
Bernard Ballard Finnan	*s*	*Rockville Centre, L. I.*	D. K. E. House
Cedric Rice Flagg	*s*	*Middlebury*	Beta Psi Lodge
George Edward Foote	*s*	*Boston, Mass.*	D. K. E. House
William Powell Greene	*s*	*Cambridge, Mass.*	51 Hepburn Hall
Albert Victor Hanson	*s*	*Lynn, Mass.*	D. U. House
Roy Eugene Hardy	*s*	*Newport*	6 Painter Hall
Laurence Leroy Haskins	*s*	*Williamstown, Mass.*	11 Starr Hall
Robert Meigs Hathaway	*s*	*St. Albans*	Chi Psi Lodge
Clarence Arthur Hazen	*s*	*Weybridge*	Weybridge Hill
Floyd Arthur Hinman	*s*	*Middlebury*	14 Elm St.
Charles Baron Honsberger	*s*	*Philadelphia, Pa.*	47 Hepburn Hall
Frederick Dalton Hughes	*s*	*Rochester, N. Y.*	Chi Psi Lodge
Richard Joseph Humeston	*s*	*Dover Plains, N. Y.*	29 Hepburn Hall
Theodore Thomas Huntington	*s*	*New Rochelle, N. Y.*	2 Hepburn Hall
Gerald William Keenan	*a*	*Hague, N. Y.*	46 Hepburn Hall
Joseph Michael Keenan	*s*	*Hague, N. Y.*	40 Hepburn Hall
Richard Gilman Kelley	*a*	*Salem, N. H.*	17 Painter Hall
John Joseph Kelly	*s*	*Valley Falls, N. Y.*	B. K. House
Charles Augustus Kennedy	*s*	*Port Henry, N. Y.*	20 Hepburn Hall
Harold Spencer King	*s*	*Malone, N. Y.*	Chi Psi Lodge
Clayton Roy Lewis	*s*	*Crown Point, N. Y.*	16 Painter Hall
Sydney Cecil Edinburgh Livingston	*s*	*Waterbury*	S. P. E. House
Ralph Martin Locke	*s*	*Montpelier*	43 Hepburn Hall
Kenneth Chapman MacClelland	*a*	*Pawling, N. Y.*	28 Hepburn Hall

Richard Edson McGraw	*s*	*Newark, N. J.*	19 Hepburn Hall
Jerry Roselle Meade	*s*	*Wassaic, N. Y.*	27 Hepburn Hall
Marshall Hugh Montgomery	*a*	*Noroton, Conn.*	Chi Psi Lodge
Kenneth Coolidge Parker	*a*	*Dorchester, Mass.*	D. U. House
Richard Allen Paul	*s*	*Burlington*	D. U. House
Burton William Perrin	*a*	*Barre*	27 Starr Hall
Arthur Prescott Quimby	*s*	*Claremont, N. H.*	41 Hepburn Hall
Maynard Cheney Robinson	*s*	*Townshend*	Chi Psi Lodge
John Floyd Rovegno	*s*	*New Brighton, N. Y.*	B. K. House
Richard Louis Sanzo	*s*	*Gloversville, N. Y.*	5 Starr Hall
Kenneth Alfred Simpson	*s*	*Glens Falls, N. Y.*	D. U. House
Harold Scott Sniffen	*s*	*Hampton, Va.*	18 Hepburn Hall
Robert Gordon Spencer	*s*	*New York, N. Y.*	S. P. E. House
Gerald Earl Thayer	*s*	*Witherbee, N. Y.*	D. K. E. House
Wyman Carrick Tupper	*s*	*Wakefield, Mass.*	K. D. R. House
John Nelson Tweedy	*s*	*Glenbrook, Conn.*	Chi Psi Lodge
Alden Campbell Utton	*s*	*Barton*	18 Hepburn Hall
Elwin Morrison Warren	*s*	*White River Junction*	29 Starr Hall
Carl Brimmer Webster	*s*	*Petersburg, N. Y.*	27 Hepburn Hall
Newman Wendell Weeks	*s*	*Rutland*	16 Painter Hall
William Walter Wheatly	*s*	*Brooklyn, N. Y.*	Chi Psi Lodge
Fred Bailey Williams, Jr.	*s*	*Plattsburg, N. Y.*	Chi Psi Lodge
Ward Stanley Yunker	*s*	*Springfield, Mass.*	13 Hepburn Hall

SOPHOMORES: CLASS OF 1932

Carl Oscar Anderson	*s*	*Windsor*	17 Hepburn Hall
Edward Herman Anderson	*s*	*Windsor*	17 Hepburn Hall
Raymond Banfill Ashdown	*s*	*Ballston Lake, N. Y.*	A. S. P. House
Charles Perkins Bailey	*s*	*Westfield, N. J.*	39 Hepburn Hall
Fredrick John Bailey, Jr.	*s*	*Washington, D. C.*	Chi Psi Lodge
Robert Atherton Bakeman	*a*	*Peabody, Mass.*	D. U. House
Philander Bates	*s*	*Cohasset, Mass.*	51 Hepburn Hall
George Martin Belfanti	*s*	*Washington Depot, Conn.*	K. D. R. House
Richard Harry Berry	*s*	*Crown Point, N. Y.*	Chi Psi Lodge
William George Bibby	*s*	*Pottersville, N. Y.*	19 Painter Hall
Alan Reynolds Branch	*s*	*Webster, Mass.*	16 Hepburn Hall
Robert Fordham Burrowes	*s*	*Englewood, N. J.*	D. K. E. House
Lynn Randall Callin	*s*	*Rochester, N. Y.*	D. U. House
Giles Elihu Chase	*a*	*Massena, N. Y.*	40 Hepburn Hall
Warren Emerson Chase	*s*	*Rochester*	20 Starr Hall
Lester Wilfred Claflin	*a*	*Westboro, Mass.*	21 Starr Hall
William George Cody	*s*	*Franklin, Mass.*	A. S. P. House
William Eugene Conroy	*s*	*Plattsburg, N. Y.*	Chi Psi Lodge
Earl Hamilton Coombs	*s*	*Garfield, N. Y.*	S. P. E. House
Harwood Warrilows Cummings	*a*	*Ware, Mass.*	D. K. E. House
William Emerson Davis	*s*	*Kingston, N. Y.*	Chi Psi Lodge

Chalmers Henry Day	*s*	*Ripton*	Beta Psi Lodge
William Eli Dorn	*s*	*Johnstown, N. Y.*	32 Hepburn Hall
Edward William Doty	*s*	*Newburgh, N. Y.*	K. D. R. House
Donald Dewitt Eastman	*s*	*Yonkers, N. Y.*	S. P. E. House
Lester Walker Eaton	*s*	*Bradford*	21 Hepburn Hall
Myron Smith Embler, Jr.	*s*	*Newburgh, N. Y.*	37 Hepburn Hall
Emery Adams Emerson	*s*	*Dalton, Mass.*	9A Painter Hall
George Frederick Emery	*s*	*Stratford, Conn.*	Beta Psi Lodge
Edward Joseph Fairbanks	*s*	*Washington, D. C.*	13 Hepburn Hall
John Roderick Falby	*s*	*Melrose, Mass.*	S. P. E. House
Henry Joslin Foster	*s*	*Floral Park, N. Y.*	Chi Psi Lodge
Richard Milner Gordon	*s*	*Wellesley Hills, Mass.*	15 Hepburn Hall
Robert Kingman Hall	*s*	*New Rochelle, N. Y.*	Chi Psi Lodge
William Joseph Hanna	*s*	*Cleveland, Ohio*	48 Hepburn Hall
Charles Raymond Harwood	*a*	*Rupert*	19 Starr Hall
Francis Healy Hastings	*s*	*Webster, Mass.*	Chi Psi Lodge
Frederick Warren Hayward	*s*	*Montpelier*	16 Starr Hall
Harold Robert Herrmann	*s*	*Mt. Kisco, N. Y.*	32 Hepburn Hall
Madison Monroe Hess	*s*	*Rochester, N. Y.*	D. U. House
Howard Merriman Hickcox, Jr.	*s*	*Watertown, Conn.*	K. D. R. House
Ford Brenton Hinman	*s*	*New Rochelle, N. Y.*	7B Painter Hall
William Edward Horr	*a*	*Barneveld, N. Y.*	49 Hepburn Hall
Bernard Clark Johnson	*s*	*St. Johnsbury*	44 Hepburn Hall
George Richard Kimball	*s*	*Hartford, Conn.*	21 Hepburn Hall
Reamer Kline	*a*	*Middlebury*	50 Hepburn Hall
William Robert Leggett	*s*	*Waterbury, Conn.*	A. S. P. House
Clarence Albert Lilly	*s*	*Shelburne Falls, Mass.*	B. K. House
Robert Wellington Loveday	*s*	*Gloversville, N. Y.*	Chi Psi Lodge
Richard Thompson McDermott	*s*	*Brooklyn, N. Y.*	31 Starr Hall
Urho Abraham Makela	*a*	*Peabody, Mass.*	A. S. P. House
Ferdinand Joseph Mann	*s*	*Hempstead, L. I.*	23 Starr Hall
Edward Walter Markowski	*s*	*Meriden, Conn.*	D. K .E. House
Ernest Andrew Mazaika	*a*	*Waterbury, Conn.*	30 Hepburn Hall
Arnold Thorwald Melbye	*s*	*Wellesley Hills, Mass.*	D. U. House
Thomas Daniel Miner	*s*	*Yonkers, N. Y.*	B. K. House
Harold Charles Monroe	*a*	*Waterbury, Conn.*	Beta Psi Lodge
René Morize	*s*	*Cambridge, Mass.*	D. K. E. House
Walter John Nelson	*s*	*Dorchester, Mass.*	D. K. E. House
Homer Charles Newell	*a*	*Ticonderoga, N. Y.*	S. P. E. House
James Loynd Olson	*a*	*Woodbury, N. J.*	K. D. R. House
George Booth Owen	*s*	*Hyde Park, Mass.*	Middlebury Inn
Harold Francis Perry	*s*	*Lynn, Mass.*	A. S. P. House
Robert Nelson Perry	*a*	*Pittsfield, Mass.*	19 Painter Hall
Marshall Walter Phinney	*s*	*Orange, Mass.*	Chi Psi Lodge
Howard Leslie Potter	*s*	*Burlington*	16 Starr Hall
Emil Gustave Raeder	*s*	*Kew Gardens, L. I.*	35 Hepburn Hall

William Bart Ragatz	*s*	*Plattsburg, N. Y.*	Chi Psi Lodge
Russell Irving Rayner	*s*	*Wollaston, Mass.*	A. S. P. House
Raymond Francis Reilly	*a*	*North Adams, Mass.*	27 Painter Hall
Daniel Patrick Riccio	*s*	*Rye, N. Y.*	14 Starr Hall
Albert John Rovegno	*s*	*New Brighton, N. Y.*	6 Franklin St.
Norman Stanley Rowell	*s*	*Poultney*	31 Starr Hall
Rufus Barton Sargent	*s*	*Barre*	K. D. R. House
Boynton John Scott	*s*	*Newburgh, N. Y.*	13 Starr Hall
Laurence Clyde Seaman	*s*	*Johnstown, N. Y.*	Chi Psi Lodge
Edward Auman Sheldon	*s*	*Rupert*	10 Starr Hall
John Russell Sherman	*s*	*Westport, N. Y.*	13 Starr Hall
Archie Kirkland Sloper	*s*	*Lanesboro, Mass.*	A. S. P. House
Howard James Smith	*a*	*Waterbury, Conn.*	Beta Psi Lodge
Robert Coleman Somerville	*s*	*North Creek, N. Y.*	Chi Psi Lodge
John Arthur Storm	*s*	*Utica, N. Y.*	39 Hepburn Hall
Gray Nelson Taylor	*a*	*Gloversville, N. Y.*	Beta Psi Lodge
Harold Roscorla Thayer	*s*	*Witherbee, N. Y.*	D. K. E. House
Eugene Hugo Thiele	*s*	*Lake George, N. Y.*	D. U. House
Charles Ellroy Thrasher	*s*	*Fitchburg, Mass.*	A. S. P. House
Philip Carl Tucker	*s*	*Middlebury*	118 So. Main St.
Howard Christian Viehman	*a*	*Brooklyn, N. Y.*	Chi Psi Lodge
Albert Edward Walluck	*a*	*Waterbury, Conn.*	Beta Psi Lodge
Walter Morrison Wardell	*s*	*Woodhaven, L. I.*	S. P. E. House
Henry Walter Watts	*s*	*Silver Bay, N. Y.*	K. D. R. House
Frederick L. Weaver	*s*	*Deposit, N. Y.*	B. K. House
Donald Faneuf Whitney	*s*	*Norwich, Conn.*	26 Painter Hall
Appleton Churchill Woodward	*s*	*Cedar Grove, N. J.*	A. S. P. House
Frederic Harrison Wooster	*s*	*Poultney*	18 Painter Hall
Harold Miller Young	*s*	*Bridgeport, Conn.*	21 Starr Hall
Frederick Nicholas Zuck	*s*	*Rochester, N. Y.*	48 Hepburn Hall

FRESHMEN: CLASS OF 1933

Richard Lyman Allen	*s*	*Framingham, Mass.*	38 Hepburn Hall
Arthur Louis Amelung	*s*	*Bloomfield, N. J.*	45 Hepburn Hall
Francis Edward Auchter	*s*	*East Rochester, N. Y.*	10B Painter Hall
James Jerry Banta	*s*	*Huntington, L. I.*	7 Hepburn Hall
Maurice Joseph Bertrand	*s*	*Barre*	26 Hepburn Hall
Harthon Lewis Bill	*s*	*Bridgeport, Conn.*	3 Starr Hall
Herbert Fredrick Binning	*s*	*Jamaica, L. I*	4 Hepburn Hall
John W. Boggs	*a*	*Haddonfield, N. J.*	8B Painter Hall
Anthony George Lombard Brackett	*s*	*Westbrook, Maine*	37 Hepburn Hall
Herschel Julius Braundel	*s*	*Munich, Germany*	29 Starr Hall
Frederick Wright Brink	*a*	*Elizabeth, N. J.*	6 Starr Hall
Milton Boyd Brown	*s*	*Middlebury*	111 So. Main St.
Arthur DuBois Brundidge, Jr.	*a*	*Walden, N. Y.*	14A Painter Hall

Frederick Boyce Bryant	*a*	*Malone, N. Y.*	24 Hepburn Hall
Fenwick Noble Buffum	*s*	*Shushan, N. Y.*	5B Painter Hall
Rollin Thoburn Campbell	*a*	*New Haven, Conn.*	15B Painter Hall
Philip Lewis Carpenter	*s*	*Montpelier*	11 Starr Hall
Chester Herbert Clemens	*s*	*Milford, Conn.*	14 Starr Hall
George Albert Colclough	*s*	*Hillsdale, N. Y.*	38 Hepburn Hall
David Orvis Collins	*s*	*Hingham, Mass.*	1 Starr Hall
Paul Tenny Collins	*s*	*Middlebury*	Broadview Farm
Rodolfo Concha	*s*	*Yucatan, Mexico*	18 Painter Hall
Clark Howard Corliss	*s*	*Springfield*	32 Starr Hall
Joseph Bradley Crowley	*s*	*Franklin, Mass.*	1 Starr Hall
Ross Gilbert Cunningham	*s*	*Ballston Lake, N. Y.*	7B Painter Hall
William Chamberlain Deemer	*s*	*Middlebury*	50 Hepburn Hall
Kenneth Eugene Dodd	*s*	*Milton, Mass.*	14B Painter Hall
Thomas John Duffield	*s*	*White Plains, N. Y.*	2 Starr Hall
Donald Joseph Falvey	*s*	*Holyoke, Mass.*	28 Starr Hall
John Van Derveer Garretson	*s*	*Queens Village, L. I.*	36 Hepburn Hall
Robert Tuomey Gass	*s*	*South Deerfield, Mass.*	20 Starr Hall
Lyle Edward Glazier	*a*	*Northfield, Mass.*	15A Painter Hall
Melvin Harry Glazier	*s*	*Northfield, Mass.*	15A Painter Hall
Warren Gibbs Goodrich	*s*	*Fair Haven*	17 Starr Hall
Kenneth Scott Goodyear	*s*	*Naugatuck, Conn.*	29 Pleasant St.
Joseph Edward Gould	*s*	*Granville, N. Y.*	4 Painter Hall
Celim Ira Green	*s*	*Scranton, Pa.*	31 Hepburn Hall
Denison Franklin Groves	*s*	*Evanston, Ill.*	36 Hepburn Hall
Seymour Clinton Hand	*s*	*Gloversville, N. Y.*	23 Hepburn Hall
John Francis Hartrey	*s*	*New Rochelle, N. Y.*	8A Painter Hall
Harold Hathaway	*s*	*Willsboro, N. Y.*	26 Painter Hall
Edward Warren Hearne, Jr.	*s*	*Melrose, Mass.*	30 Starr Hall
Edwin John Hendrie	*s*	*West Haven, Conn.*	5 Starr Hall
Charles Atwood Hickcox	*s*	*Watertown, Conn.*	17 Starr Hall
Stephen Chase Hoyle	*s*	*Woonsocket, R. I.*	30 Hepburn Hall
Ralph Newhall Huse	*a*	*Keene, N. H.*	7 Starr Hall
Arthur Gordon Ide	*s*	*Rochester, N. Y.*	28B Painter Hall
Charles Leigh Ingersoll	*s*	*Barre*	12 Starr Hall
Harold Hunter Jillson	*s*	*Leonia, N. J.*	15B Painter Hall
Herbert Clement John	*s*	*Jamaica, L. I.*	14 Hepburn Hall
James Cullen Judge	*s*	*Johnstown, N. Y.*	5 Hepburn Hall
Moses Bernard Kaplan	*s*	*Fair Haven*	13 Hepburn Hall
Edward Lawrence LaBounty	*s*	*West Chazy, N. Y.*	5A Painter Hall
Arnold Parsons Lewis	*a*	*Northampton, Mass.*	5 Franklin St.
Baden Powell Lewis	*a*	*North Adams, Mass.*	28A Painter Hall
Horace Loomis	*a*	*Convent, N. J.*	45 Hepburn Hall
Proctor Mayo Lovell	*s*	*Springfield*	32 Starr Hall
Robert Francis McDermott	*s*	*North Abington, Mass.*	Chi Psi Lodge
William Wall McDonough	*s*	*Newburgh, N. Y.*	34 Hepburn Hall
John Newton McKee	*s*	*Moriah Centre, N. Y.*	7 Starr Hall
Donald Brown MacKenzie	*s*	*Sayville, L. I.*	10 Hepburn Hall
Donald Barnes MacLean	*s*	*East Milton, Mass.*	30 Starr Hall

Madison Jordan Manchester	*s*	*Providence, R. I.*	10A Painter Hall
John Lowry Marsh	*s*	*White Plains, N. Y.*	24 Painter Hall
Raymond Bertrand Mercier	*a*	*Greensboro*	8 Starr Hall
Giles Newton Montgomery	*s*	*Noroton, Conn.*	26 Starr Hall
William John Murphy	*s*	*Oakville, Conn.*	46 Hepburn Hall
Henry Leroy Newman	*s*	*Rochester, N. Y.*	28B Painter Hall
Aaron Wayne Newton	*s*	*East Northfield, Mass.*	6 Starr Hall
Evan Carter Noonan	*s*	*Vergennes*	20 Weybridge St.
Robert Merritt Orton	*s*	*Elmhurst, L. I.*	25 Hepburn Hall
Hewitt Ezra Page	*s*	*Bristol*	23 Painter Hall
Herbert Alan Painter	*s*	*Flemington, N. J.*	7A Painter Hall
Ernest Phelps Parker	*s*	*Elizabethtown, N. Y.*	23 Hepburn Hall
Robert Earl Paye	*s*	*Inman, N. Y.*	24 Hepburn Hall
LeGrand Warren Pellett, Jr.	*s*	*Newburgh, N. Y.*	34 Hepburn Hall
Homer Edgar Powell	*s*	*Milton*	24 Painter Hall
Rollin Evart Pratt	*s*	*Flushing, L. I.*	3 Starr Hall
Anson Vernon Ransom	*s*	*Rutland*	13 Court St.
George Henry Remmer	*s*	*West Sayville, L. I.*	35 Hepburn Hall
Thomas Carroll Rich	*s*	*Port Henry, N. Y.*	20 Hepburn Hall
Richard David Roberts	*s*	*Mount Vernon, N. Y.*	4 Hepburn Hall
Neil Fred Rosbrook	*s*	*Rochester, N. Y.*	22 Hepburn Hall
William Francis Rozon	*s*	*Malone, N. Y.*	14B Painter Hall
John Taylor Rulison	*s*	*Scarsdale, N. Y.*	26 Hepburn Hall
Aaron Arthur Schefkind	*a*	*Bridgeport, Conn.*	4 Painter Hall
Julius Thomas Scozzafava	*s*	*Port Henry, N. Y.*	14 Hepburn Hall
James Leroy Sears	*a*	*Middlebury*	92 No. Pleasant St.
Douglas Fosdick Short	*s*	*Amityville, L. I.*	9B Painter Hall
Robert Dering Short	*s*	*Amityville, L. I.*	9B Painter Hall
George Toivo Siipola	*s*	*Fitchburg, Mass.*	10B Painter Hall
Kingsley Robert Smith	*s*	*New Haven, Conn.*	33 Hepburn Hall
Peter Raymond Sorensen	*s*	*Plattsburg, N. Y.*	5A Painter Hall
Graydon Hayford Spragg	*a*	*Greenfield, Mass.*	28A Painter Hall
Avery Walker Steele	*s*	*Waltham, Mass.*	Middlebury Inn
Joseph Patrick Suchy	*s*	*New York, N. Y.*	10A Painter Hall
Clyde Suttle	*s*	*Arena, N. Y.*	15 Starr Hall
Richard Benton Sweet	*s*	*Poughkeepsie, N. Y.*	5B Painter Hall
Horace Sidney Symes	*s*	*Wells River*	44 Hepburn Hall
Theodore Lawrence Taylor	*s*	*White Plains, N. Y.*	2 Starr Hall
Robert Boswell Thomas	*s*	*Saratoga Springs, N. Y.*	28 Starr Hall
John Harrison Tomlinson	*s*	*Hoosick Falls, N. Y.*	8B Painter Hall
William Volkmar	*s*	*Williamsport, Pa.*	10 Hepburn Hall
William Schober Weier	*a*	*East Orange, N. J.*	25 Hepburn Hall
Harry Edward Wells, Jr.	*s*	*Northampton, Mass.*	33 Hepburn Hall
Allyn Brayman White	*a*	*Middlebury*	8 Starr Hall
Milton Johnson Wooding	*s*	*Plantsville, Conn.*	7A Painter Hall
George Ernest Yeomans	*s*	*Canton, Mass.*	6 Painter Hall
Edward Yerovitz	*a*	*Webster, Mass.*	10 Starr Hall

SUMMARY BY CLASSES

Graduate Men	10
Senior Men	68
Junior Men	68
Sophomore Men	97
Freshman Men	109
Total Men	352
Total Women	285
Summer Session	552
Grand Total	1189
Duplicates	14
Net Total	1175

CLASSIFICATION BY COURSES

UNDERGRADUATE MEN ONLY

	Candidates for A.B.	*Candidates for B.S.*
Seniors	12	56
Juniors	8	60
Sophomores	18	79
Freshmen	17	92
	55	287

GEOGRAPHICAL DISTRIBUTION

UNDERGRADUATE MEN ONLY

New York	131
Massachusetts	70
Vermont	65
Connecticut	33
New Jersey	17
New Hampshire	6
Rhode Island	4
Maine	3
Pennsylvania	3
District of Columbia	2
Wisconsin	2
Illinois	1
Ohio	1
Virginia	1
China	1
Germany	1
Mexico	1
	342

INDEX

A.B. degree.....(See Degrees)
Administration 113-125
Administration Committee.14, 40
Administrative Assistants,
List of.....13
Admission—
Certification 25-33
Director 25
Entrance conditions.....27, 28
Examinations 29-32
Limitation of enrollment....29
Methods 25
Advanced standing.....32, 33
Advisers 36
Alumni Associations.....128, 129
A.M. degree.....(See Degrees)
American History, Fund...18, 19
American Literature.....41
Assignment of rooms....104, 105
Assistant Professors, List of..11
Associate Professors, List of..10
Associated Alumni.....126-129
Athletic Field, Porter.....103
Athletics 21

Baccalaureate degrees..16, 34, 39
Band 82
Bequests—
Forms of.....131
Battell and other.....18, 19
Biology 41, 43
Board and room, cost of.105, 106
Buildings—
Description 96-104
New.....17, 18
Number of.....17
Value of.....16

Calendar for College
Year.....134, 135
Campus, acreage.....17
Chapel, Mead Memorial.....101
Chapel services.....19
Château—
Description 104
Table board.....102, 103
Chemistry 44-46
Chemistry Building.....99, 100
Chief Adviser.....35, 36, 38, 39
Choir 82
College Entrance Examination Board, address, fees, etc.....26, 29-33
Committees—
Of the Corporation.....7
Faculty 14
Concerts and Entertainments...20
Conditions in college work 115, 116
Contemporary Civilization..47, 48
Corporation (See Trustees)
Courses—
Bracketted 40
Departments 41-95
Distribution of work....37, 38
Elective.....38, 39
Examinations.....114, 115
Fees for changing.....38, 39
Groups 37
Lettered 37
Ranking by.....113, 114
Recitation requirements.....39
Registration 36
Required 34-36
Scholarship.....113, 114
Year courses.....40, 114
Credits (See Semester hours)
Curriculum 34-39

Degrees—
Conferred in 1929.....136-138
Kinds conferred.....16
Regulations for D.M.L. 123-125
Regulations for Master's degree 120-123
Requirements for A.B. and B.S. 34-36
Requirements for graduation 39
Departments (See Courses and respective subjects)

Director of Admission and Personnel 25, 29, 96, 102, 104, 107, 108, 112, 126
Doctorate in Modern Languages (See Degrees)
Drama and Public Speaking 48-50
Dramatic Club.....48
Drawing and Surveying.....50

Economics 51-54
Education and Psychology..54-57
Egbert Starr Library.....98, 99
Endowments 16
English 58-63
Enrollment, limited.....29
(See also Registration)
Entertainment course.....20
Entrance (See Admission)
Examinations—
Entrance 29-32
Final semester.....114, 115
Expenditures 16
Expenses.....105, 106

Faculty and officers—
Committees 14
List 8-13
Fees—
Athletic 105
Changing courses.....38, 39
Graduate courses.....123
Graduation 106
Fine Arts.....63
French 64-68
(See also Modern Languages)
French House (See Château)
French School, courses....19, 20
Freshman year, requirements 34, 37
Freshmen—
English course.....58
Limitation of class.....29
Required work in Physical Education.....20, 21
Requirements.....34, 37
Furlough Fund.....18, 19

General Catalogue.....125
General Information.....16-24
Geology and Geography....68, 69
German.....70, 71
Glee Club.....82
Government and resources....16
Grades, scale of.....113
Graduate Fellows, List of....12
Graduate work, regulations 120-123
Graduation requirements.....39
Greek.....71, 72
Growth of the College....17, 18
Gymnasium 101

Health measures.....20, 21
Hepburn, A. Barton, bequests 19
Hepburn Commons.....102, 103
Hepburn Hall.....102
History.....73, 74
Honors 116-118
Honorary degrees.....136
Hospital (See Porter Hospital)
Hours (See Semester Hours)

Individual training.....20
Instructors, List of.....11, 12
Italian 75

Kaleidoscope 125

Latin 75-77
Library, Egbert Starr.....98, 99
Limitation of enrollment.....29
Loan fund for students.....107
Location of College.....16, 17

McCullough Gymnasium.....101
M.A. and M.S. degrees (See Degrees)
Maison Française.....104
Marks, scale of.....113
Mathematics 77-79
Mead Memorial Chapel.....101
Middlebury, village of.....16, 17
Modern Languages.....34, 37, 40
(See also French, German, Italian, Spanish)

Museum of Natural History....100, 101
Music 79-83
Music Studios....104

Natural History Museum 100, 101
Needs of the College....130

Officers, List of....13
Offices 96
Old Chapel....98
Outdoor sports....21

Painter Hall....96, 97
Pedagogy (See Education)
Phi Beta Kappa....118
Philosophy....83, 84
Physical Education—
Department 84-86
Director of....20, 21
Prescribed work required of Freshmen....20, 21
Physics 86-88
Playhouse....48, 120
Political Science....88, 89
Porter Athletic Field....17-103
Porter Hospital....103
Preachers for 1929-30....15
President and Fellows, List of....5, 6
Prizes—
Awarded in 1929....132, 133
List of....118-120
Proctor, Fletcher D., Fund.18, 19
Professors, Assistant, List of 11
Professors, Associate, List of 10
Professors Emeriti, List of 8
Professors, List of....8-10
Public Speaking—
Courses 48-50
Prizes 118-120

Ranking according to courses 113-114
Recitation requirements....39
Registration....36, 113
Regulations of the College....113
Religious position....19
Requirements—
Freshmen....34, 37
Sophomore....35, 36
Juniors and Seniors....36
Resources 16
Right to request withdrawal of Students....20
Rooms—
Assignment of....104, 105
Rent....97, 102, 105

Sage, Mrs. Russell, bequest....18
S.B. degree (See Degrees)
Scholarship grades....113
Scholarships 108-112
Science Hall....99
Self-help....106, 107
Semester hours....39
Sociology 90-92
Spanish 93-95
Spanish School courses....19, 20
Special honors....116-118
Sports (See Athletics)
Starr Hall....97
State of Vermont (See Vermont)
State Scholarship....112
Students—
Classification by courses....148
Geographical distribution...149
List of....139-146
Loan fund....107
Required courses....34-36
Right to request withdrawal of....20
Scholarship....113, 114
Summary by classes....147
Summer Session—
Credit for work in....114
Reputation....19, 20
Surveying 50

Transfers from other Colleges (See Advanced Standing)

Trustees—
Committees 7
List of.....5, 6
Tuition 105

Vermont—
Appropriation from State...16
State Scholarships.....112
Vocational guidance.....22-24

Walker, Henry Freeman, bequest 18
Warner Science.....99
Withdrawal of Students, right to request.....20